

THESIS REPORT ON
SIDDHARTHANAGAR MEDICAL COLLEGE
(NON-CLINICAL DEPARTMENTS)
SIDDHARTHANAGAR, BASTI, UTTAR PRADESH, INDIA.

A THESIS SUBMITTED
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF

BACHELOR OF ARCHITECTURE

by
RAHUL KUMAR
(1150101059)

Under the guidance of
AR. PUJA VERMA

SESSION
2019/20

TO THE
SCHOOL OF ARCHITECTURE
BABU BANARASI DAS UNIVERSITY
LUCKNOW

**SCHOOL OF ARCHITECTURE AND PLANNING
BABU BANARASI DAS UNIVERSITY,
LUCKNOW (U.P.).**

CERTIFICATE

I hereby recommend that the thesis entitled, “**SIDDHARTH NAGAR MEDICAL COLLEGE**” under the supervision, is the bonafide work of the student and can be accepted as partial fulfillment of the requirement for the degree of Bachelor’s degree in architecture, School of Architecture and Planning, BBDU, Lucknow.

Prof. Mohit Kumar Agarwal
Dean of Department

Prof. Sangeeta Sharma
Head of Department

Recommendation

Accepted

Not Accepted

External Examiner

External Examiner

BABU BANARASI DAS UNIVERSITY, LUCKNOW

CERTIFICATE OF THESIS SUBMISSION FOR EVALUATION

1. Name :.....

2. Roll No. :

3. Thesis title:

4. Degree for which the thesis is submitted:

5. Faculty of the University to which the thesis is submitted.....

6. Thesis Preparation Guide was referred to for preparing the thesis. YES/NO

7. Specifications regarding thesis format have been closely followed. YES/NO

8. The contents of the thesis have been organized based on the guidelines. YES/NO

9. The thesis has been prepared without resorting to plagiarism. YES/NO

10. All sources used have been cited appropriately. YES/NO

11. The thesis has not been submitted elsewhere for a degree. YES/NO

12. Submitted 4 spiral bound copies plus one CD. YES/NO

.....
(Signature(s) of the supervisor)
Name:

.....
(Signature of the Candidate)
Name:
Roll No.:

ACKNOWLEDGEMENT

First and foremost gratitude towards the almighty "**GOD**" for his blessings.

I am thankful to **Ar. Anshul singh, Prof. Keshav Kumar**, and all my faculty members who have been extremely co-operative since the very beginning and who helped me to utilize my skills and creativity to the utmost.

Sincere thanks to **Ar. Urvashi Dixit and Ar. Shailesh Kumar Yadav**(Thesis Co-ordinator), who left no stone unturned to shape our thesis in the best possible way and also for his untimely help whenever required.

I express my deepest gratitude to my thesis guide **Ar. Puja Verma**, for his valuable dispassionate guidance, critical discussions, suggestions and continuous support all through my B.Arch thesis.

Special thanks to my senior **Saurabh Kumar Yadav, Pallav Pratiyogee, Ankur Verma, Mayur Srivastava, Prabhakar Mishra** for their guidance and support regarding the studies for this project as well as the whole 5 years of study.

I would like to thank all my friends specially **Anshuman shrivastava, Swadha shrivastava, Divyanshi shahu, Saket Jindal** for their support during my thesis as well as the whole 5 year of study. Each one of them has contributed towards making me a better person and the time I spent with all of them will always be cherished.

Thanks to all my juniors specially **Vidushi Jindal** for their help in the thesis.

At last but not the least, I have no words to express my gratitude for the love and affection of my parents and my elder brother who gave me support at every step of my life. So, this thesis is dedicated to them.

-Rahul Kumar

ABOUT THE PROJECT

- THE PROJECT **MEDICAL COLLEGE** PROPOSED BY THE STATE GOVERNMENT OF UTTAR PRADESH.
- UP RAJKIYA NIRMAN NIGAM HAS BEEN ENTRUSTED WITH THE RESPONSIBILITY OF CONSTRUCTING THE MEDICAL COLLEGE.
- ADMINISTRATIVE AND EDUCATIONAL BUILDINGS, HOSTELS AND HOUSING FACILITIES, etc ARE TO BE CONSTRUCTED IN THE 7.5 ACRE LAND ALLOTTED FOR THE BUILDING.
- SIDDHARTH NAGAR DISTRICT HOSPITAL PRESENTLY OFFERS THE FACILITY OF **300 BEDS** FOR PATIENTS, A TOTAL **500 BEDS** WILL BE AVAILABE AFTER THE CONSTRUCTION OF **MEDICAL COLLEGE**.

MEDICAL COLLEGE

“**MEDICAL COLLEGE**” MEANS ANY INSTITUTION BY WHATEVER NAME CALLED IN WHICH A PERSON MAY UNDERGO A COURSE OF STUDY OR TRAINING INCLUDING ANY POST GRADUATE COURSE OF STUDY OR TRAINING WHICH WILL QUALIFY HIM FOR THE AWARD OF A RECOGNIZED **MEDICAL** QUALIFICATION.

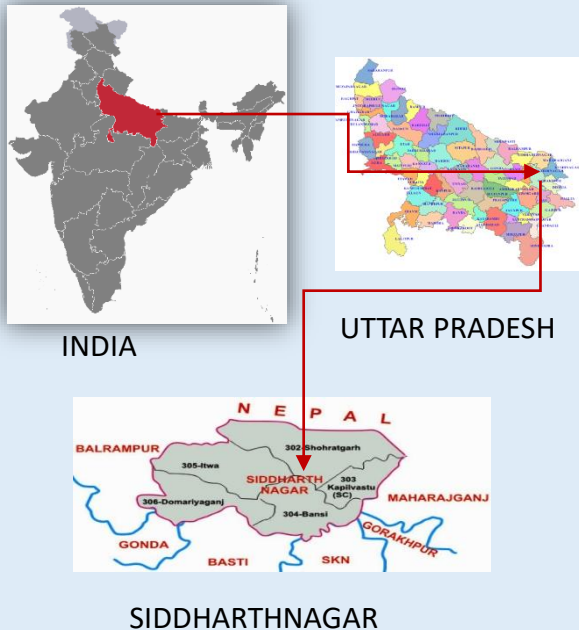
NEED OF THIS PROJECT-

THE MEDICAL COLLEGE IN **SIDDHARTH NAGAR** ARE IN A GREAT DEMAND AMONG ASPIRING DOCTORS AND THEIR PARENTS. THIS IS WHY PARENTS GIVE MORE IMPORTANCE TO ENTRANCE EXAM FOR MEDICAL COURCES IN SIDDHARTH NAGAR LIKE NEET. STUDENTS OF SIDDHARTH NAGAR ARE DESPERATE TO TAKE ADMISSION IN GOVERNMENT COLLEGES, AS THEY ARE THE TOP NAMES WHEN IT COMES TO BEST MEDICAL COLLEGE. AFTER COMPLETING MBBS, STUDENTS OF SIDDHARTH NAGAR LOOK FOR JOBS IN TOP HOSPITAL LIKE THE **APOLLO GROUP, NARAYAN MAX AND AIIMS**.

SCOPE-

- IN THE PRESENT DAY WORLD WHERE EVERYONE IS GETTING AWARE IN TERMS OF BEING LITERATE, **ONE OF THE MOST COMMON SCOPES OF CAREER** AMONG THE STUDENTS IS TO STUDY MEDICAL SCIENCE AND GET INTO A GOOD **MEDICAL COLLEGE**.
- THE CRAZE FOR BECOMING A DOCTOR IS SO INTENSE THAT STUDENTS FROM THEIR SCHOOL TIME THEMSELVES START PREPARING AND GET THEMSELVES ENROLLED IN VARIOUS COACHING INSTITUTIONS TO PREPARE FOR THE MEDICAL ENTRANCE EXAMS.
- STUDENTS EVEN LEAVE THEIR HOMETOWNS AND SHIFT TO DIFFERENT CITIES TO THE REQUIRED QUALITY EDUCATION AND EXPOSER.

SIDDHARTH NAGAR DISTRICT IS A PART OF BASTI DIVISION.



DEMOGRAPHY

- SIDDHARTH NAGAR HAS THE POPULATION OF **2,559,297** [AS PER CENSUS 2011].
MALE:1,295,095
FEMALE:1,264,202
- THE DISTRICT HAS A **POPULATION DENSITY OF 884 INHABITANTS PER SQUARE KILOMETRE**. ITS POPULATION GROWTH RATE OVER THE DECADE **2001-2011** WAS **25.4%**. SIDDHARTH NAGAR HAS A **SEX RATIO OF 976 FEMALES FOR EVERY 1000 MALES**, AND A **LITERACY RATE OF 59.2**.

HISTORY



GEOGRAPHY

- SIDDHARTH NAGAR HAS TOTAL AREA OF 2,895 SQ.KM.
- SIDDHARTH NAGAR DISTRICT LIES BETWEEN 27°N TO 27°28'N AND 82°45'E TO 83°10'E.
- SIDDHARTH NAGAR FALLS UNDER THE **SEISMIC ZONE-IV**, MAKING IT VULNERABLE TO EARTHQUAKES.

MAJOR ARCHITECTURAL LANDMARKS



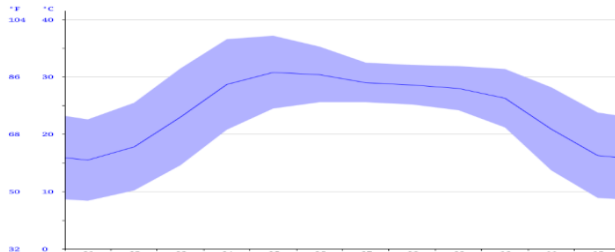
BHARATBHARI TEMPLE



STUPA

CLIMATE

- THE SIDDHARTH NAGAR (NAUGARH) LIES ON **89M ABOVE SEA LEVEL** SIDDHARTH NAGAR (NAUGARH)'S CLIMATE IS CLASSIFIED AS **WARM AND TEMPERATE**.
- IN **WINTER**, THERE IS **MUCH LESS RAINFALL** THAN IN **SUMMER**.
- THE **TEMPERATURE** HERE AVERAGES **24.6 °C | 76.3 °F**.
- IN A YEAR, THE RAINFALL IS **1372 MM | 54.0 INCH**



TEMPERATURE GRAPH

	January	February	March	April	May	June	July	August	September	October	November	December
Avg. Temperature (°C)	15.5	17.8	23	26.7	30.8	30.4	29	26.6	26	26.3	20.9	16.3
Min. Temperature (°C)	8.4	10.2	14.6	20.9	24.5	25.6	25.2	24.2	21.2	13.7	8.9	
Max. Temperature (°C)	22.6	25.5	31.5	36.6	37.2	35.3	32.5	32.1	31.9	31.4	28.2	23.8
Avg. Temperature (°F)	59.9	64.0	73.4	80.1	87.4	86.7	84.2	83.5	82.4	79.3	69.6	61.3
Min. Temperature (°F)	47.1	50.4	58.3	69.4	76.1	78.1	77.4	76.8	70.2	56.7	48.0	
Max. Temperature (°F)	72.7	77.9	88.7	97.9	99.0	95.5	90.5	88.8	89.4	88.5	82.8	74.8
Precipitation / Rainfall (mm)	20	7	13	8	24	215	425	376	201	77	1	2

The variation in the precipitation between the driest and wettest months is 424 mm | 17 inch. The average temperatures vary during the year by 15.3 °C | 59.5 °F.

SIDDHARTH NAGAR WEATHER BY MONTH

ROUTE MAP OF SIDDHARTH NAGAR



APPROACH TO SIDDHARTH NAGAR

SIDDHARTH NAGAR DISTRICT CAN BE REACHED DIRECTLY VIA ROADWAYS AND RAILWAYS FROM MAJOR CITIES LIKE **GORAKHPUR, BASTI, LUCKNOW, GONDA** ETC. THE DISTRICT HEADQUARTERS NAUGARH IS LINKED TO STATE CAPITAL LUCKNOW VIA BOTH ROAD AND RAIL.



BY TRAIN

THE RAILWAY STATIONS IN THE DISTRICT LIKE **BARHNI, SHOHRATGARH, NAUGARH, USKA BAZAR, BRIDGMANGANJ**, RAILWAY STATIONS ARE CONNECTED TO MAJOR DESTINATIONS LIKE GORAKHPUR, LUCKNOW, DELHI AND MUMBAI.



BY FLIGHT

THE NEAREST AIRPORT IS MAHAYOGI GORAKHNATH AIRPORT, GORAKHPUR.

APPROX. 90 KM AWAY FROM MAHAYOGI GORAKHNATH AIRPORT, GORAKHPUR, UTTAR PRADESH



BY BUS

THE UPSRTC BUSES FORM MAJOR CITIES OF UTTAR PRADESH ALSO CONNECTS SIDDHARTH NAGAR

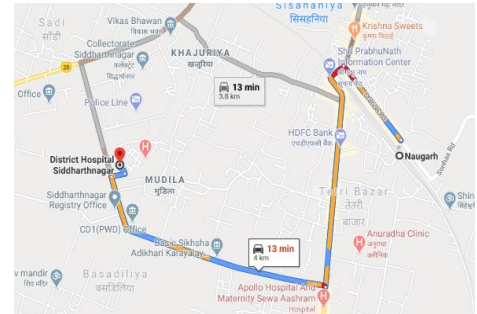
GENERAL INTRODUCTION :

PROJECT	MEDICAL COLLEGE
CLIENT	STATE GOVERNMENT
TYPOLOGY	INSTITUTIONAL BUILDING
AREA	31767.82 SQ.MT. (7.85 ACRE)
LOCATION	SIDDHARTH NAGAR, BASTI (UTTAR PRADESH)
COUNTRY	INDIA

APPROACH TO SITE

FROM NAUGRAH RAILWAY STATION:

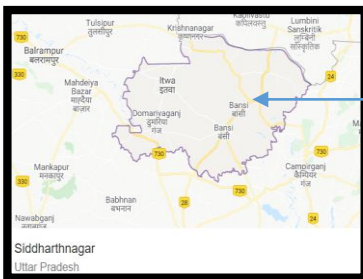
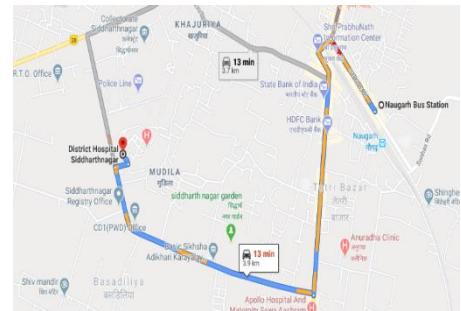
THE SITE IS LOCATED AT 4 K.M. DISTANCE FROM NAUGRAH RAILWAY STATION.



IDENTIFICATION OF SITE :

FROM NAUGRAH BUS STATION:

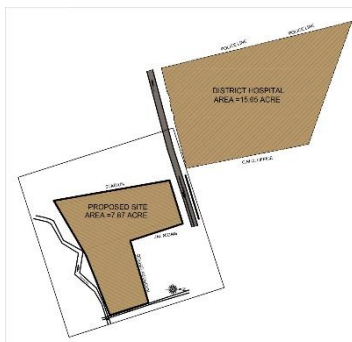
THE SITE IS LOCATED AT 3.9 K.M. DISTANCE FROM NAUGRAH BUS STATION.



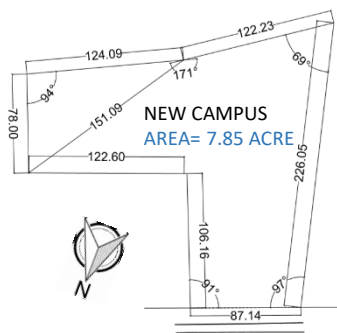
SIDDHARTH NAGAR



SATELLITE IMAGE SHOWING SITE



EXISTING DISTRICT HOSPITAL



PROPOSED SITE



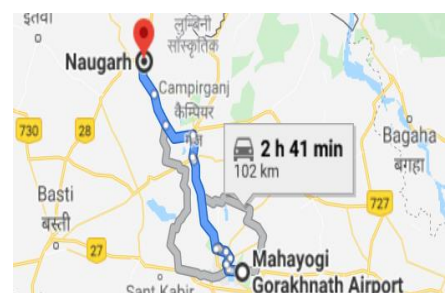
APPROACH ROAD
(6 MT. WIDE)



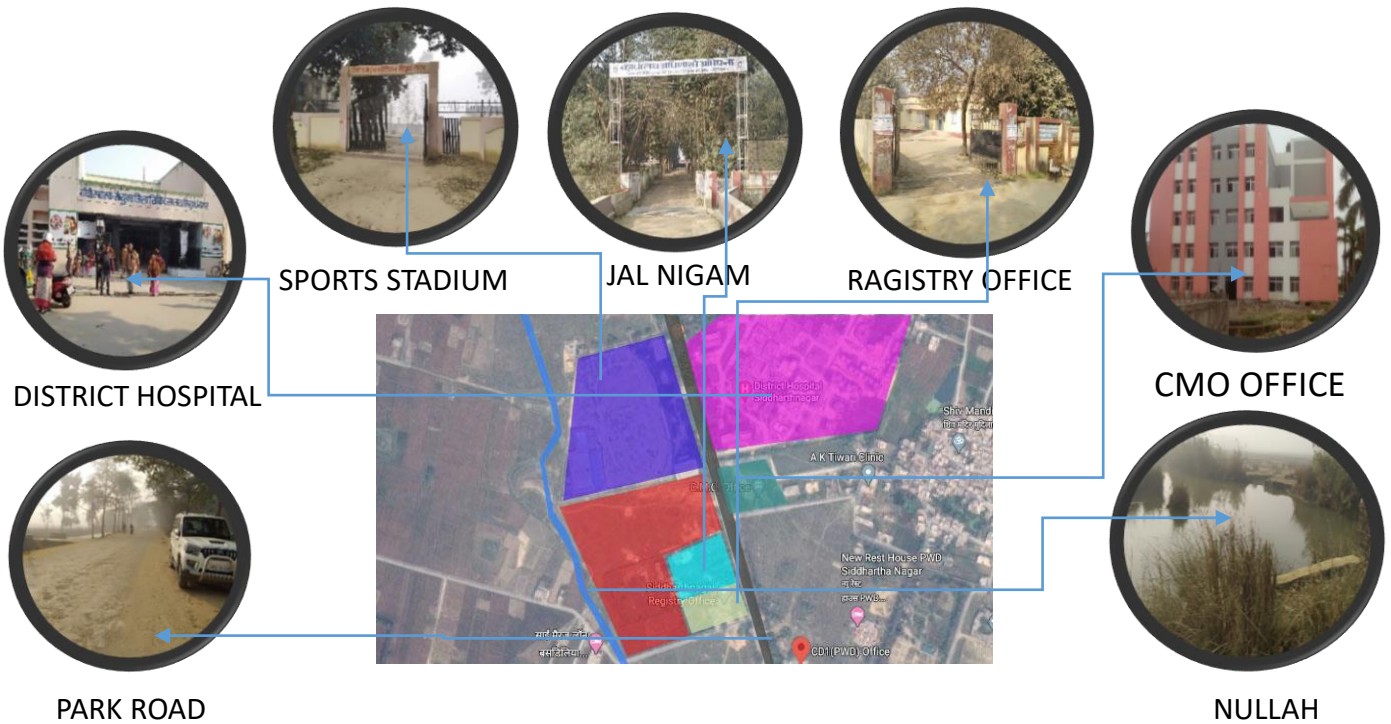
SITE IMAGE FROM
APPROACH
ROAD SIDE

FROM NEAREST AIRPORT:

THE SITE IS LOCATED AT 81 K.M. DISTANCE FROM NEAREST AIRPORT.



OFF SITE CONSIDERATIONS



NEAR BY UTILITIES



NEAREST ATM
PUNJAB
NATIONAL BANK
1.4 KM(4 MIN)



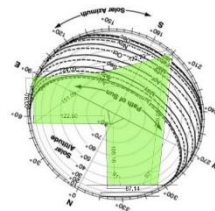
NEAREST POLICE STATION
2.7 KM, 8MIN.



FIRE STATION
FIRE STATION BASTI
71.2 KM, 1H 45MIN.

ON SITE CONSIDERATIONS

SOIL-
THE SOIL STRUCTURE OF THE DISTRICT IS COMPOSED OF **ALLUVIAL SOIL**, THE **SOIL** BROUGHT IN BY THE RIVERS.



ORIENTATION-

TOPOGRAPHY-

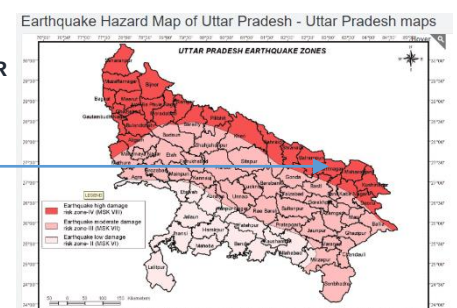
- FLAT SURFACE
- APPROX 14 TREES AVAILABLE AT THE SITE.

SEISMIC CONSIDERATION-

SITE IS LIES IN ZONE 4.

- THE LARGER SPAN ORIENTED ALONG **NE-SW** DIRECTION AND THE SHORTER SPAN ALONG **NW-SE** DIRECTION.
- SITE IS ACCESSED FROM TWO SIDES, FROM THE BOTH SHORTER SPAN PARALLEL TO THE ROAD SIDE FACING IT.
- NORTH WEST FACING 6M. ROAD (PARK ROAD)
- NORTH EAST FACING 3M. WIDE ROAD

SIDDHARTH NAGAR



SERVICES ON SITE**ELECTRICITY-**

- HIGH TENSION WIRE RUNS ON THE EDGE OF SITE BOUNDARY. SUPPLY OF ELECTRICITY IS 32 KV.
- ELECTRIC POLE ALSO THERE ON THE EDGE OF SITE.
- MAIN ELECTRICITY SUPPLY FROM THE DISTRICT ELECTRIC BOARD.

**WATER SOURCE-**

- JAL NIGAM SITUATED AT RIGHT SIDE (NORTH-EAST) OF THE SITE.
- THIS IS ALSO A SOURCE OF WATER SUPPLY.

**DRAINAGE-**

- THE MAIN SEWER LINE CONSTRUCTED ALONG THE ROAD.

BYE LAWS-

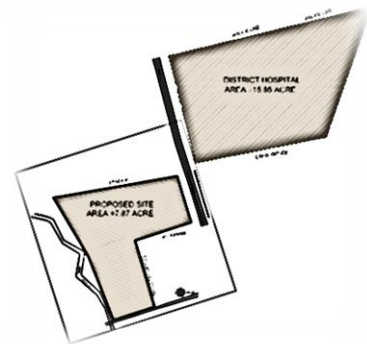
SITE AREA- 31767.82 SQ.MT. (7.85 ACRE)
GROUND COVERAGE – 35%
F.A.R. - 1.5
SETBACK: FRONT SETBACK- 15 MT.
BACK SETBACK – 9 MT.
SIDE SETBACK – 9 MT.

SWOT ANALYSIS**STRENGTHS**

- THE SITE IS SITUATED INFRONT OF **DISTRICT HOSPITAL SIDDHARTH NAGAR.**
- **JAL NIGAM** SITUATED AT THE RIGHT SIDE (NORTH-EAST) OF THE SITE.
- **NULLAH** FLOWS NORTH-EAST TO SOUTH WEST (BACK SIDE OF THE SITE).

OPPORTUNITIES

- **CONNECTIVITY-** THE SITE IS LOCATED ON PARK ROAD AND WITHIN WALKABLE DISTANCE TO **DISTRICT HOSPITAL.**
- **FRONTAGE;** THE SITE HAS TWO FRONTAGES.
- NO NEED TRANSPORTATION FACILITY FOR STUDENTS AND STAFF.

**WEAKNES**

- THE CONDITION OF EXISTING ROADS IS NOT GOOD.
- **SITE SURROUNDING IS NOT DEVELOPED** OPEN DRAINAGE SYSTEM
- NO INTERESTING VIEW SIDE

THREAT

- PLANTATION INTO AND NEAR BY THE SITE ARE TO BE DISLOCATED IN ORDER TO CONSTRUCT THE BUILDING.

VARDHMAN INSTITUTE OF MEDICAL SCIENCES

VARDHMAN INSTITUTE OF MEDICAL SCIENCES IS A STATE OF MEDICAL COLLEGE & HOSPITAL SPREADING AT AN SPRAWLING AREA OF **26.2 ACRES** OF LAND . THE FIRST ACADEMIC SESSION OF THE COLLEGE STARTED IN **2013-14** WITH ADMISSION OF **95 STUDENTS IN 1ST YEAR MBBS COURSE**, THE EXISTING CAPACITY IS **100 STUDENTS PER YEAR**.

THE COLLEGE HAS GIRLS HOSTEL, BOYS HOSTEL, DOCTORS HOSTEL, INTERN HOSTEL, NURSES HOSTEL ALL G + 5 TYPE , A COMMUNITY BLOCK , STUDENT RECREATION CENTRE, A MODERN AIR CONDITIONED AUDITORIUM APART FROM FACULTY AND NON-TEACHING STAFF ACCOMMODATION WITH LIFT FACILITIES. THE WHOLE COLLEGE BUILDING IS CENTRALLY AIR CONDITIONED HAVING CANTEEN WITH GREENERY ALL AROUND THE CAMPUS.



MEDICAL COLLEGE

LOCATION

PAWAPURI, BIHARSHARIF, PATNA

TYPOLOGY

INSTITUTIONAL BUILDING AND HOSPITAL

SITE DETAIL

SITE AREA- 26.2 ACRE

RECOGNITIONS;

MEDICAL COUNCIL OF INDIA (MCI)

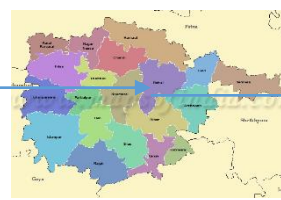
LOCATION



INDIA



PATNA

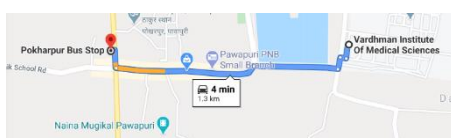


DISTRICT NALANDA



MEDICAL COLLEGE

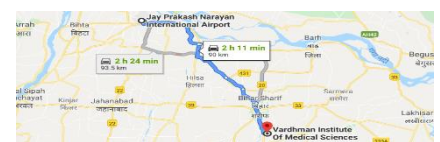
APPROACH



BY BUS



BY TRAIN



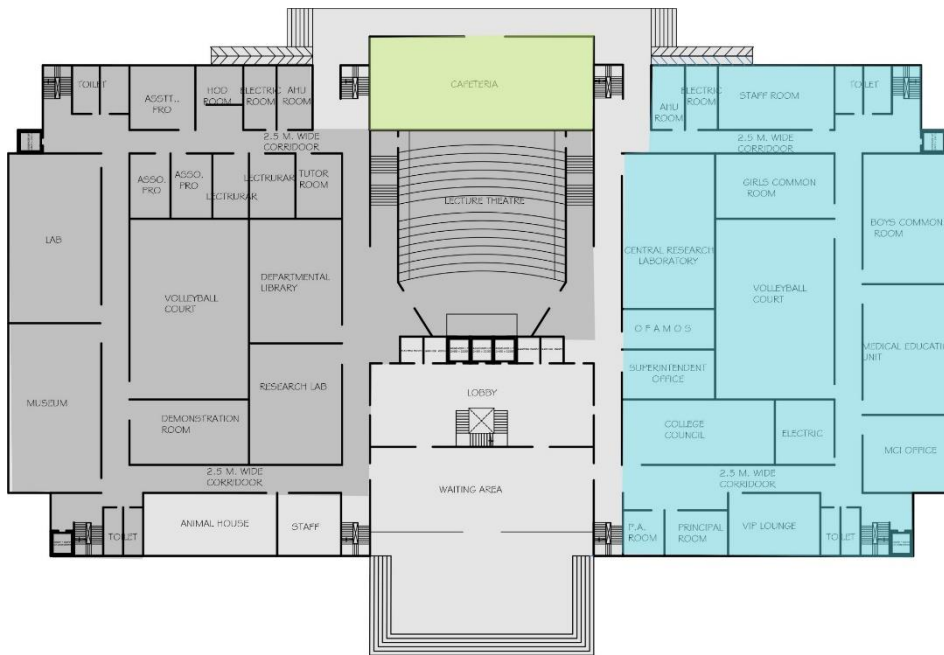
BY FLIGHT

SITE KEY PLAN



BUILDING	BUILDING NAME	NO. OF FLOOR	BUILDING	BUILDING NAME	NO. OF FLOOR
1.	MEDICAL COLLEGE	B+G+5	9.	COMMUNITY BLOCK	G
2.	HOSPITAL	B+G+5	10.	GIRLS HOSTEL	G+5
3.	GUEST HOUSE	G+1	11.	NURSES HOSTEL	G+5
4.	TYPE-2	G+3	12.	INTERN HOSTEL	G+5
5.	TYPE-3	G+1	13.	STUDENTS RECREATION	G+1
6.	TYPE-4	STILT+5	14.	RESIDENT DOCTOR HOSTEL	G+5
7.	TYPE-5	STILT+5	15.	BOYS HOSTEL	G+5
8.	TYPE-6	STILT+5	16.	SERVICE BLOCK	

COLLEGE BUILDING



GROUND FLOOR PLAN

DEPARTMENTS IN COLLEGE

1. DEPARTMENT OF ANATOMY
2. DEPARTMENT OF PHYSIOLOGY
3. DEPARTMENT OF BIOCHEMISTRY
4. DEPARTMENT OF PATHOLOGY
5. DEPARTMENT OF MICROBIOLOGY
6. DEPARTMENT OF PHARMACOLOGY
7. DEPARTMENT OF FORENSIC MEDICINE INCLUDING TOXICOLOGY
8. DEPARTMENT OF COMMUNITY MEDICINE

GROUND FLOOR

ADMINISTRATIVE BLOCK

- PRINCIPAL OFFICE
- STAFF ROOM
- COLLEGE COUNCIL ROOM
- OFFICE SUPERINTENDENT'S ROOM
- RECORD ROOM
- SEPARATE COMMON ROOM FOR MALE AND FEMALE STUDENTS WITH ATTACHED TOILETS

DEPARTMENT OF COMMUNITY MEDICINE BLOCK

- LECTURE THEATRE
- DEMONSTRATION ROOM
- LABORATORY
- MUSEUM
- DEPARTMENTAL LIBRARY
- RESEARCH LABORATORY
- STAFFS



MEDICAL COLLEGE



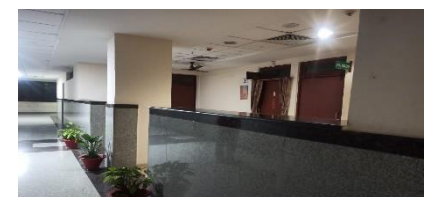
DEPARTMENTAL LIBRARY



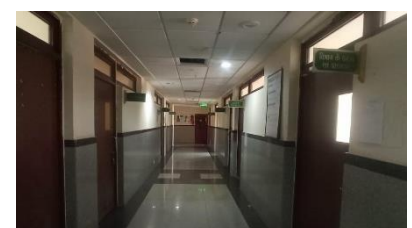
DEMONSTRATION ROOM



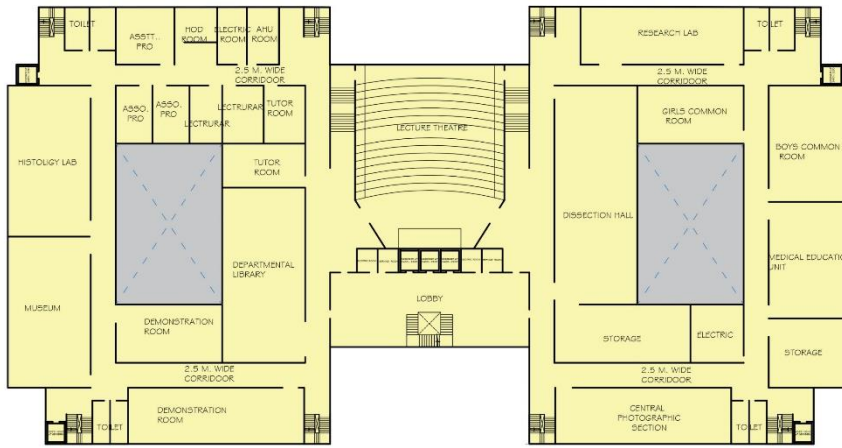
WAITING AREA AND RECEPTION



WAITING AREA INFRONT OF DEAN OFFICE



2400 MM CORRIDOOR



1ST FLOOR PLAN

DEPARTMENT OF ANATOMY

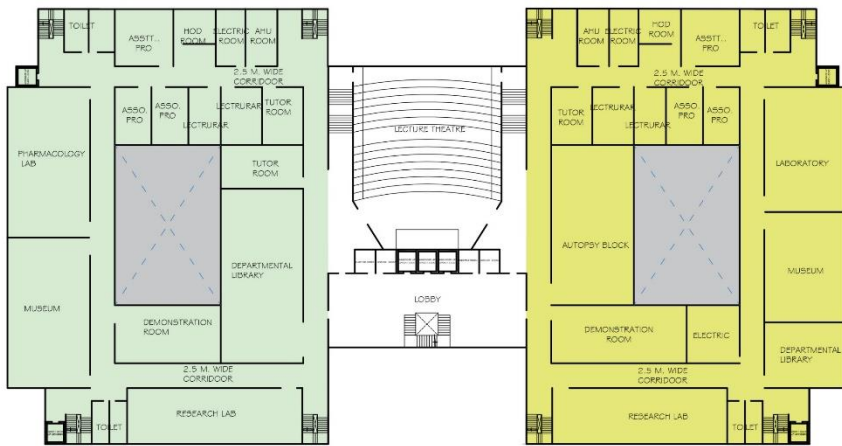
AT 1ST FLOOR

- LECTURE THEATRE
- DEMONSTRATION ROOM
- DISSECTION HALL
- MUSEUM
- DEPARTMENTAL LIBRARY
- RESEARCH LABORATORY
- HISTOLOGY
- STAFFS

DEPARTMENT OF FORENSIC MEDICINE

AT 2ND FLOOR

- LECTURE THEATRE
- DEMONSTRATION ROOM
- AUTOPSY BLOCK
- MUSEUM
- DEPARTMENTAL LIBRARY
- RESEARCH LABORATORY
- STAFFS



2ST FLOOR PLAN

DEPARTMENT OF PHARMACOLOGY

AT 2ND FLOOR

- LECTURE THEATRE
- DEMONSTRATION ROOM
- PRACTICAL LAB
- MUSEUM
- DEPARTMENTAL LIBRARY
- RESEARCH LABORATORY
- STAFFS



3ST FLOOR PLAN

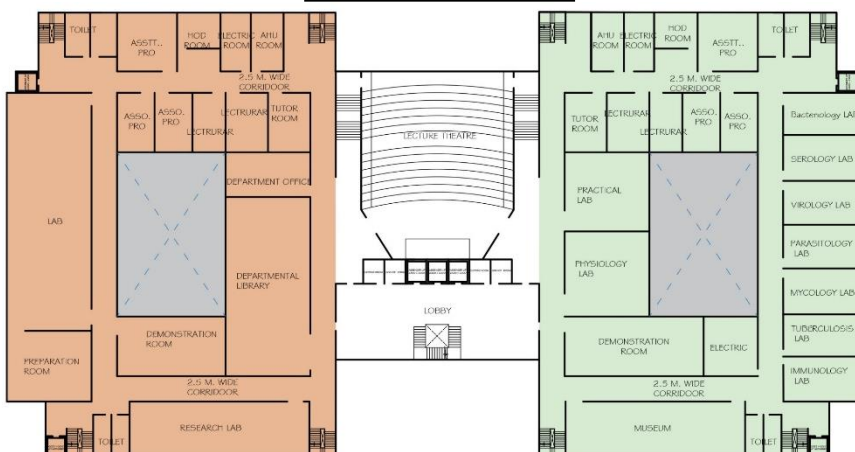
DEPARTMENT OF BIOCHEMISTRY

AT 3RD FLOOR

- LECTURE THEATRE
- DEMONSTRATION ROOM
- PRACTICAL CLASS ROOM
- DEPARTMENTAL LIBRARY
- CUM SEMINAR ROOM
- RESEARCH LABORATORY
- STAFFS

DEPARTMENT OF PHYSIOLOGY

- LECTURE THEATRE
- DEMONSTRATION ROOM
- PRACTICAL CLASS ROOM
- DEPARTMENTAL LIBRARY
- RESEARCH LABORATORY
- STAFFS



4ST FLOOR PLAN

SERVICES:**LIFT:**NO. OF LIFT- **7 LIFTS**LIFT IS CAPACITY OF **10 PERSONS**WEIGHT CARRYING CAPACITY- **680 KG**SIZE OF LIFT IS **1100X1400****FIRE STAIRCASE:**NO. OF FIRE STAIRCASE- **4 FIRE STAIRCASES**STAIR DETAIL- **RISER- 150 MM
TREAD-300 MM
WIDTH-2000 MM****WATER SUPPLY:****UNDER GROUND WATER TANK****SIZE- 25X30X3 M.CUBE**

- CAPACITY- **25 LAC LITRE** (FOR BOTH DRINKING AND FIRE PUPOSE)
- BOREWELL

SERVICE BLOCK:**SIZE- 100 SQMT.**

- CHILLER PLANT
- LT PANEL
- PANEL AIR CONDITIONER
- FIRE PUMP ROOM
- GENERATOR ROOM
- WATER PURIFICATION MACHINE ROOM

SEWAGE TREATMENT PLANT:

- AREA-320 SQ.MT.

**SERVICE BLOCK****BOREWELL****UNDER GROUND WATER TANK****MANHOLE****FIRE SAFETY SERVICE****LIFTS****LT PANEL****FIRE STAIRCASE****GENERATOR ROOM****CENTRAL WASTE MANAGEMENT****AHU ROOM****CHILLER PLANT****SEWAGE TREATMENT PLANT**

ERA'S LUCKNOW MEDICAL COLLEGE

INTRODUCTION

- **ERA'S LUCKNOW MEDICAL COLLEGE IS A PRIVATE MEDICAL COLLEGE IN LUCKNOW, UTTAR PRADESH, INDIA.**
- **ERA'S LUCKNOW MEDICAL COLLEGE WAS ESTABLISHED IN 2001. UNDER THE AEGIS OF ERA EDUCATIONAL TRUST WITH A VISION TO ESTABLISH A CENTRE OF EXCELLENCE IN THE FIELD OF MEDICAL EDUCATION.**
- **THE EXISTING CAPACITY IS 150 STUDENTS PER YEAR.**



DEPARTMENTS

1. DEPARTMENT OF ANATOMY
2. DEPARTMENT OF PHYSIOLOGY
3. DEPARTMENT OF BIOCHEMISTRY
4. DEPARTMENT OF PATHOLOGY
5. DEPARTMENT OF MICROBIOLOGY
6. DEPARTMENT OF PHARMACOLOGY
7. DEPARTMENT OF FORENSIC MEDICINE INCLUDING TOXICOLOGY
8. DEPARTMENT OF COMMUNITY MEDICINE

ERA'S MEDICAL COLLEGE

SITE DETAIL:

SITE AREA- 15.79 ACRE
(63936.49 SQ.MT.) ONLY FOR MEDICAL COLLEGE

LOCATION:

SARFRAZGANJ, HARDOI ROAD,
LUCKNOW (UTTAR PRADESH)

TYPOLOGY:

INSTITUTIONAL BUILDING

AFFILIATIONS:

ERA UNIVERSITY, LUCKNOW
AND DR. R.M.L. AVADH
UNIVERSITY, FAIZABAD

RECOGNITIONS;

MEDICAL COUNCIL OF INDIA (MCI)

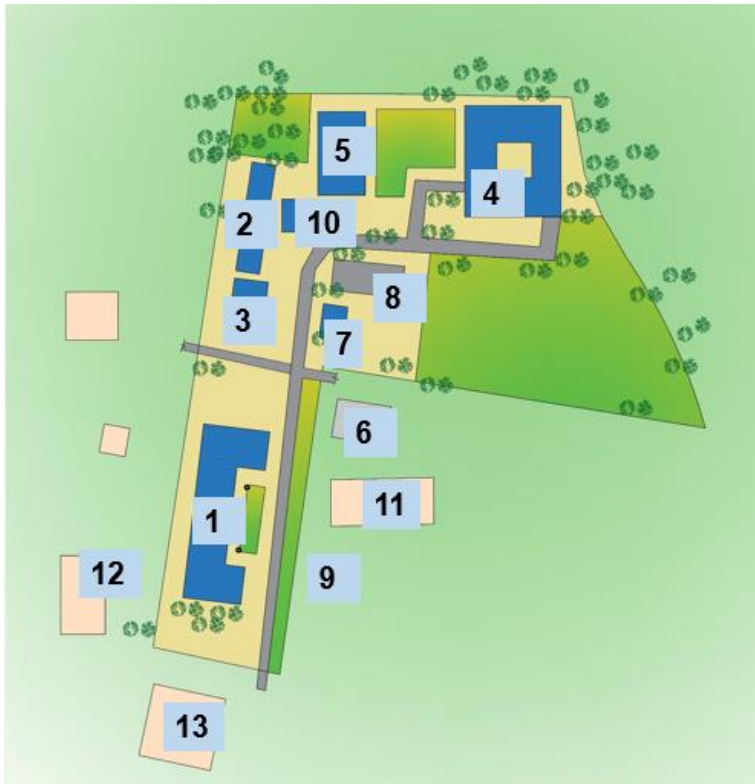
PROGRAMS OFFERED:

UNDERGRADUATE AND
POSTGRADUATE PROGRAMME

BUILDING BLOCKS:

- COLLEGE BUILDING:
ACADEMIC BLOCK AND
ADMINISTRATIVE BLOCK.
- INTERN BOYS HOSTEL
- BOYS HOSTEL
- GIRLS HOSTEL
- RECREATIONAL BLOCK
- CAFETERIA
- MEDICINE SHOPS
- HOSPITAL (750 BEDDED)
- DOCTOR RESIDENCE
- NURSE HOSTEL
- STAFF RESIDENCE
- SERVICE BLOCK
- GAURD ROOM

KEY PLAN



1. COLLEGE BUILDING
2. BOYS HOSTEL
3. INTERN BOYA HOSTEL
4. GIRLS HOSTEL
5. INTERN GIRLS HOSTEL
6. SERVICE ROOM
7. GUARD ROOM
8. PARKING
9. MEDICAL SHOPS
10. CAFETERIA
11. DOCTER RESIDENCE
12. HOSPITAL
13. NURSING COLLEGE



PARKING



DOCTOR RESIDENCE



HOSPITAL



MEDICINE SHOPS

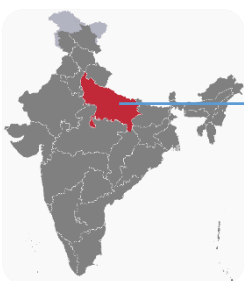


SERVICE BLOCK



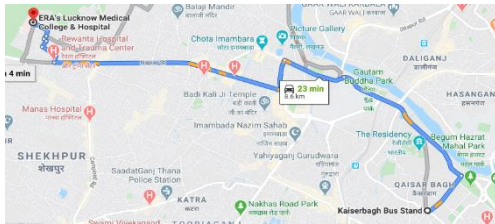
COLLEGE BUILDING

LOCATION

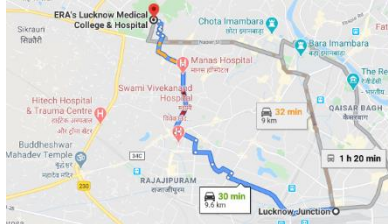


ERA'S LUCKNOW MEDICAL COLLEGE

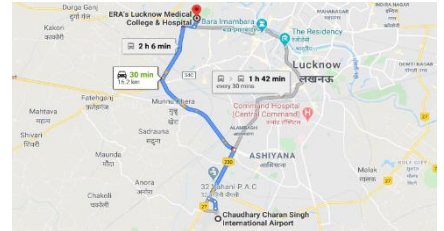
APPROACH



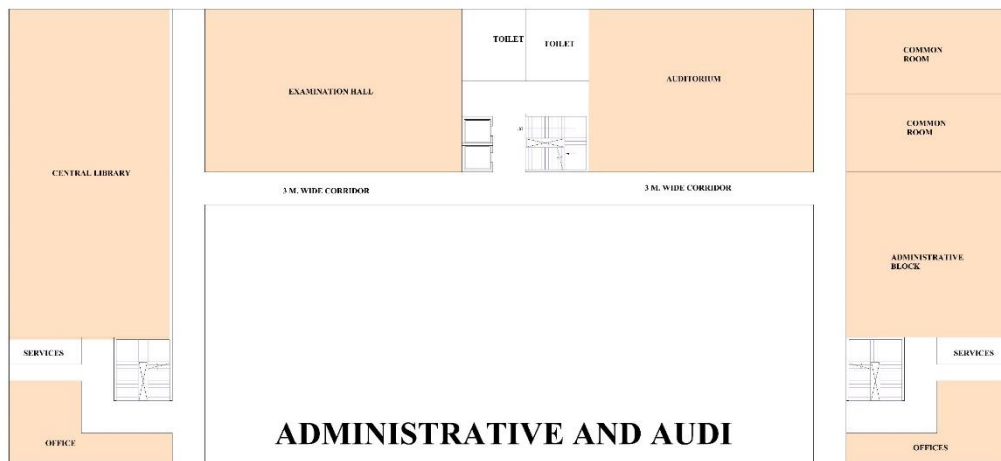
BUS STATION TO ERA'S



LUCKNOW JUNCTION TO ERA'S



AIRPORT TO ERA'S



ADMINISTRATIVE AND AUDI

GROUND FLOOR PLAN

DEPARTMENT OF ANATOMY

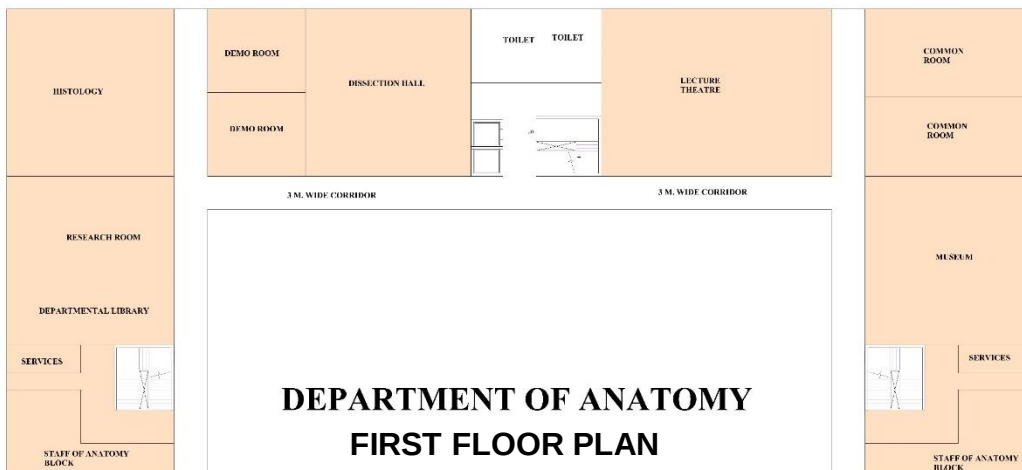


ADMINISTRATIVE BLOCK

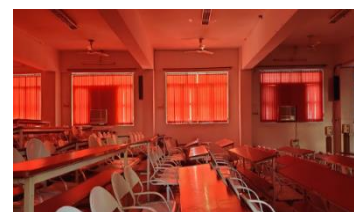
LABORATORY



LABORATORY



DEPARTMENT OF ANATOMY
FIRST FLOOR PLAN



AUDITORIUM



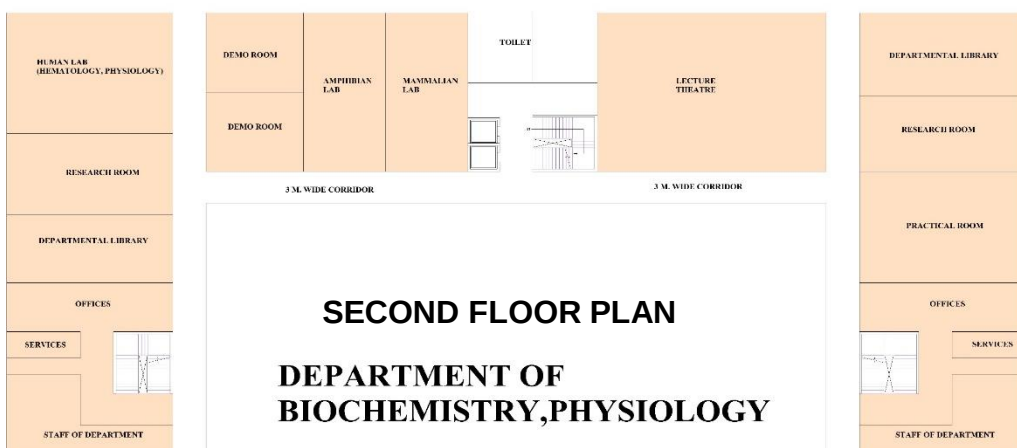
LECTURE THEATRE



CAFETERIA



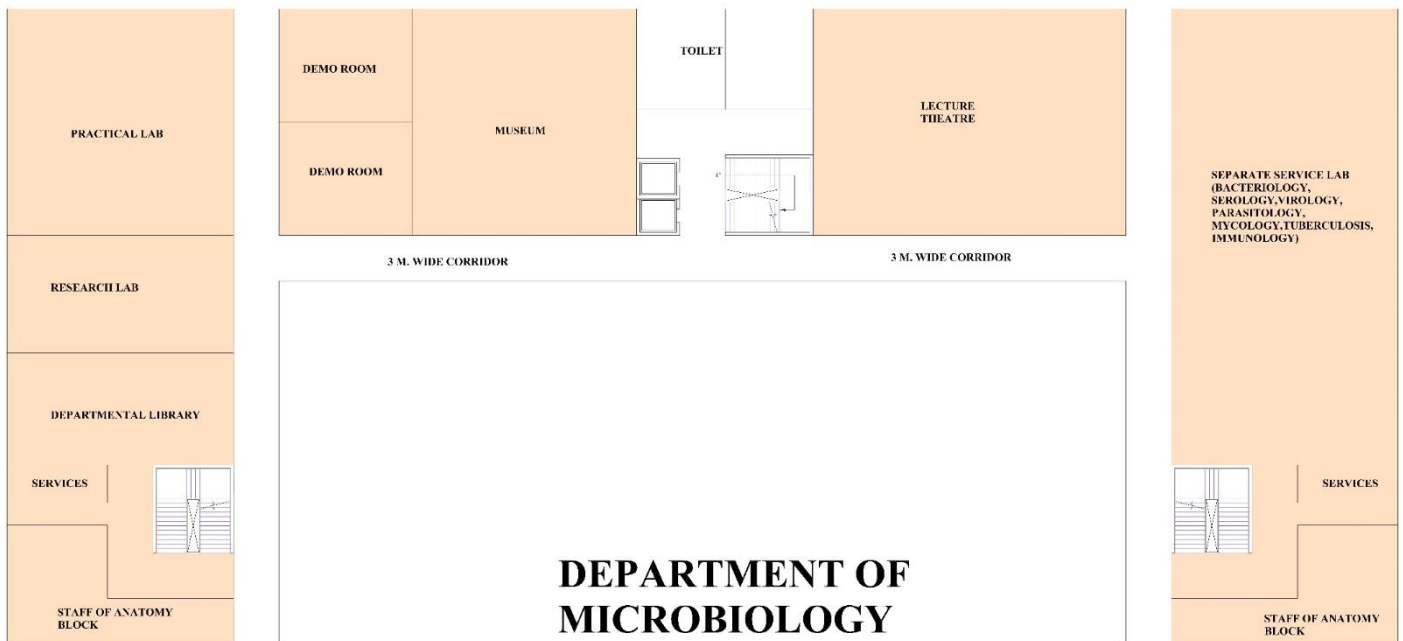
LECTURE THEATRE



SECOND FLOOR PLAN

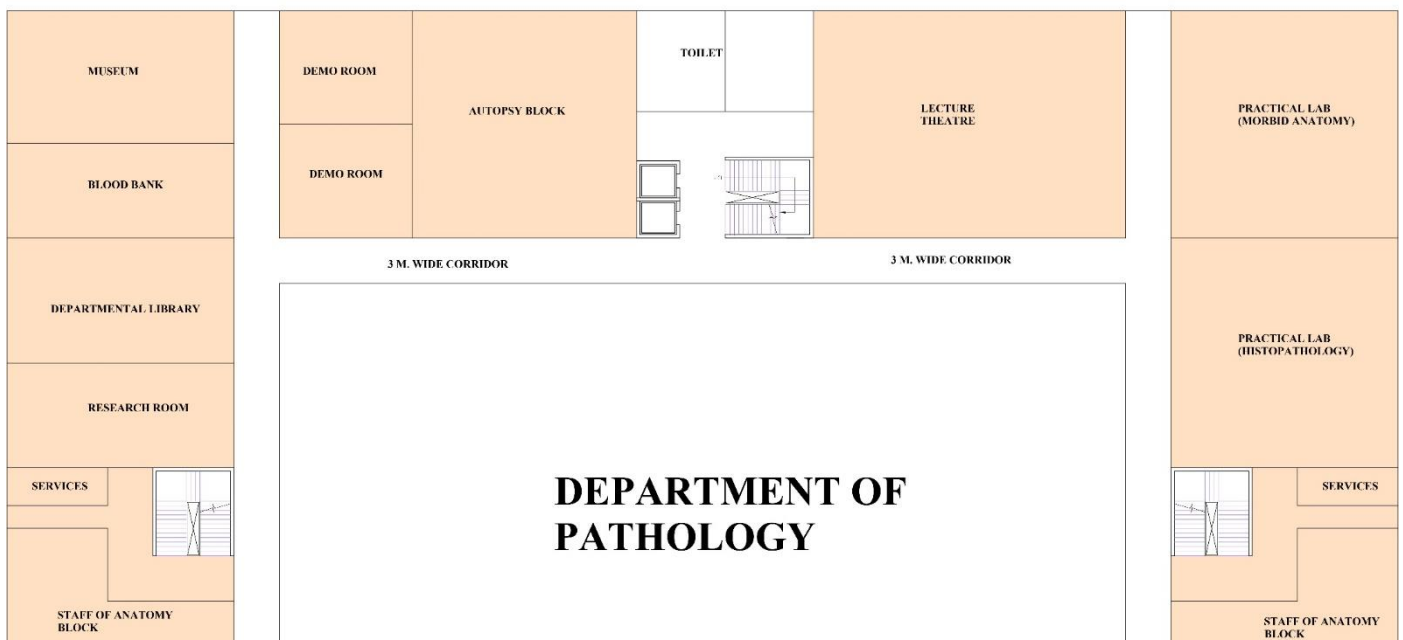
DEPARTMENT OF
BIOCHEMISTRY, PHYSIOLOGY

DEPARTMENT OF MICROBIOLOGY



THIRD FLOOR PLAN

DEPARTMENT OF PATHOLOGY



FOURTH FLOOR PLAN

AUTONOMOUS STATE MEDICAL COLLEGE

INTRODUCTION

- **AUTONOMOUS STATE MEDICAL COLLEGE IS GOVERNMENT MEDICAL COLLEGE IN BAHRAICH, UTTAR PRADESH, INDIA.**
- **AUTONOMOUS STATE MEDICAL COLLEGE BAHRAICH RUN BY UTTAR PRADESH MEDICAL EDUCATION DEPARTMENT FOR ADMISSION OF 100 MBBS SEATS.**

DEPARTMENTS

1. DEPARTMENT OF ANATOMY
2. DEPARTMENT OF PHYSIOLOGY
3. DEPARTMENT OF BIOCHEMISTRY
4. DEPARTMENT OF PATHOLOGY
5. DEPARTMENT OF MICROBIOLOGY
6. DEPARTMENT OF PHARMACOLOGY
7. DEPARTMENT OF FORENSIC MEDICINE INCLUDING TOXICOLOGY
8. DEPARTMENT OF COMMUNITY MEDICINE



LOCATION:

KDC ROAD BAHRAICH.(UTTAR PRADESH)

TYPOLOGY:

INSTITUTIONAL BUILDING

CLIENT NAME:

STATE GOVERNMENT

ARCHITECT NAME:

AR. VISHAL JAIN

AFFILIATIONS:

KING GEORGES MEDICAL UNIVERSITY,LUCKNOW

RECOGNITIONS;

MEDICAL COUNCIL OF INDIA (MCI)

PROGRAMS OFFERED:

UNDERGRADUATE AND POSTGRADUATE PROGRAMME

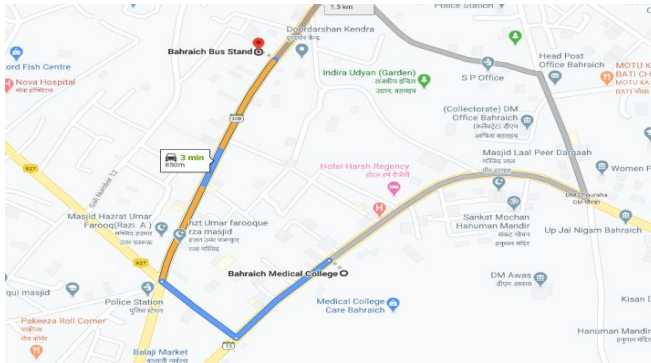
COLLEGE MANAGEMENT

STATE GOVERNMENT

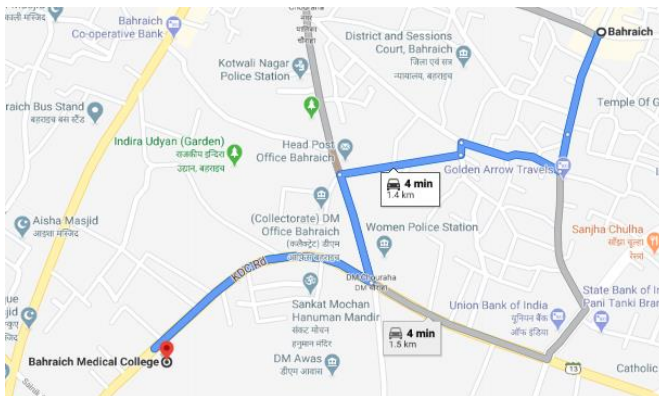
SITE DETAIL:

SITE AREA- 10.85 ACRE (41103 SQ.MT.)

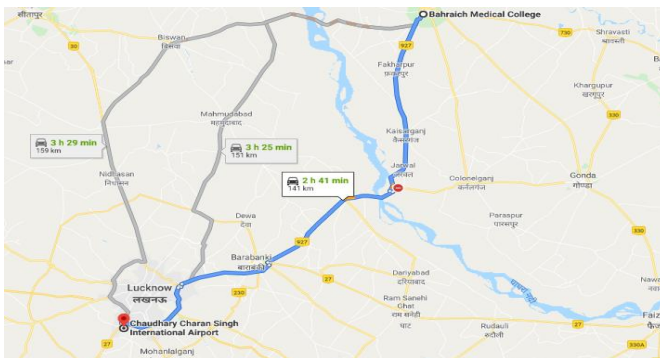
APPROACH



BUS STAND TO MEDICAL COLLEGE

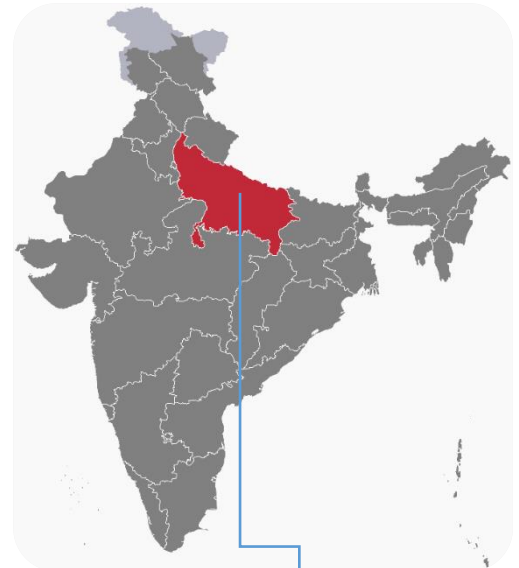


RAILWAY STATION TO MEDICAL COLLEGE

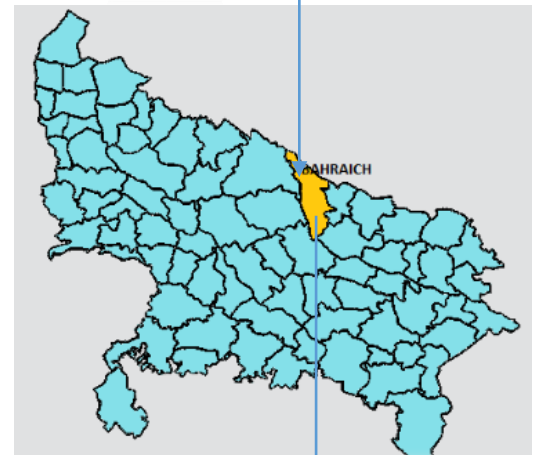


AIRPORT TO MEDICAL COLLEGE

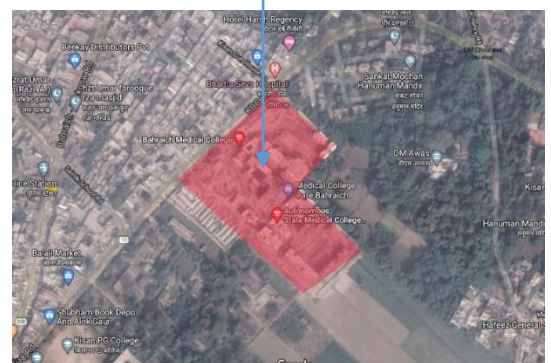
LOCATION



INDIA

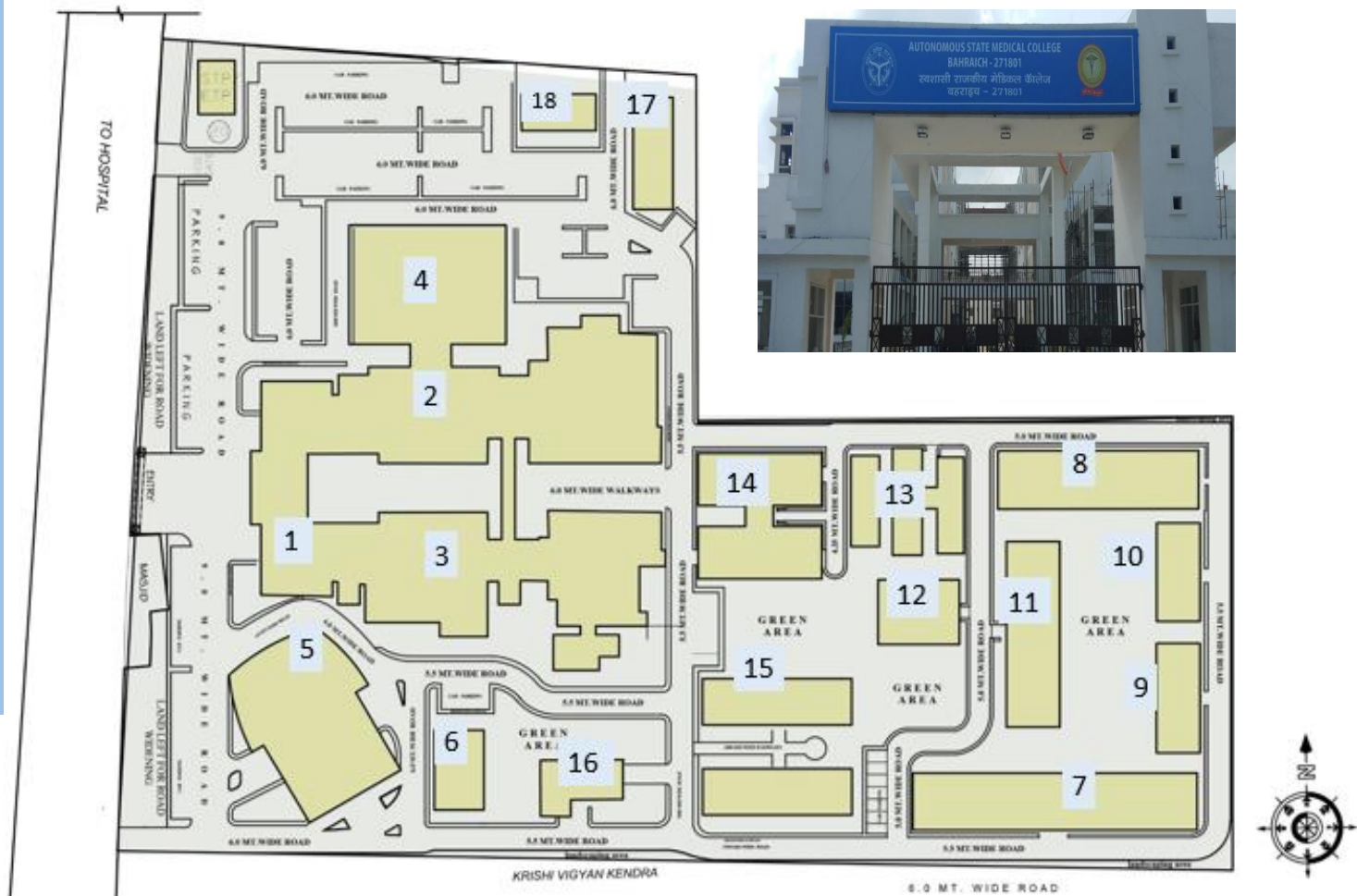


UTTAR PRADESH



AUTONOMOUS STATE MEDICAL COLLEGE

KEY PLAN:



BUILDING BLOCKS:

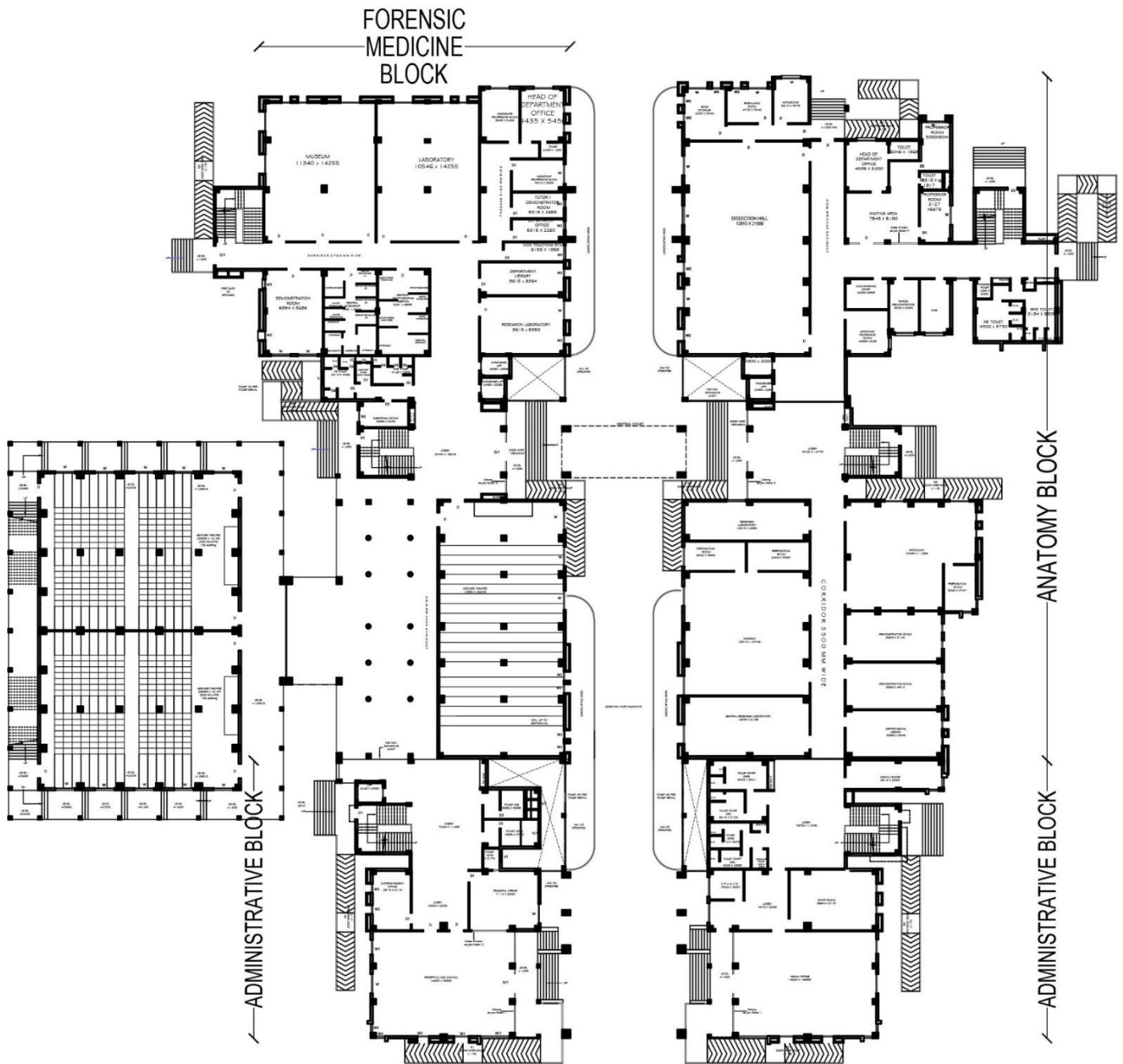
1. ADMIN BLOCK - (G+1)
2. ACADEMIC BLOCK A- (G+4)
3. ACADEMIC BLOCK B- (G+4)
4. LECTURE THEATER BLOCK - (G+1)
5. AUDITORIUM
6. CANTEEN
7. BOYS HOSTEL -(G+3)
8. GIRLS HOSTEL -(G+3)
9. INTERN BOY'S HOSTEL-(G+3)
10. INTERN GIRL'S HOSTEL-(G+3)
11. RESIDENT HOSTEL-(G+3)
12. TYPE-II RESIDENCE -(G+3)
13. TYPE-III RESIDENCE -(G+3)
14. TYPE-IV RESIDENCE -(G+2)
15. TYPE-V RESIDENCE (G+1) 4 BLOCK
16. TYPE-V RESIDENCE (G+1) 4 BLOCK
17. NURSES HOSTEL (G+3)
18. SERVICE AREA (DG, TRANSFORMER AND ELECTRICAL ROOM)



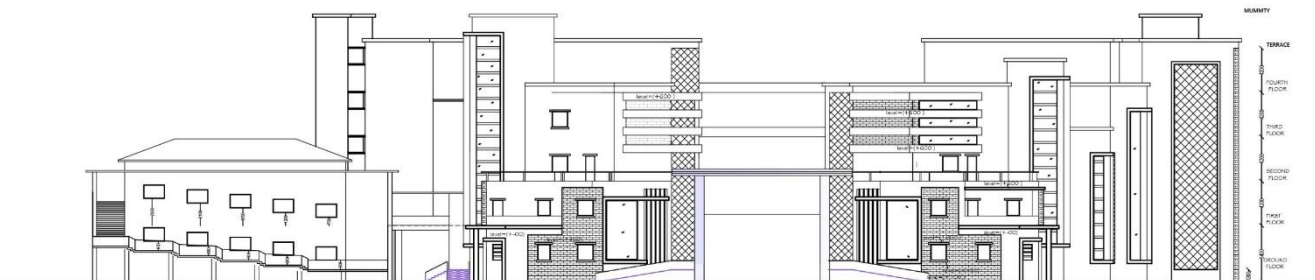
GUEST HOUSE



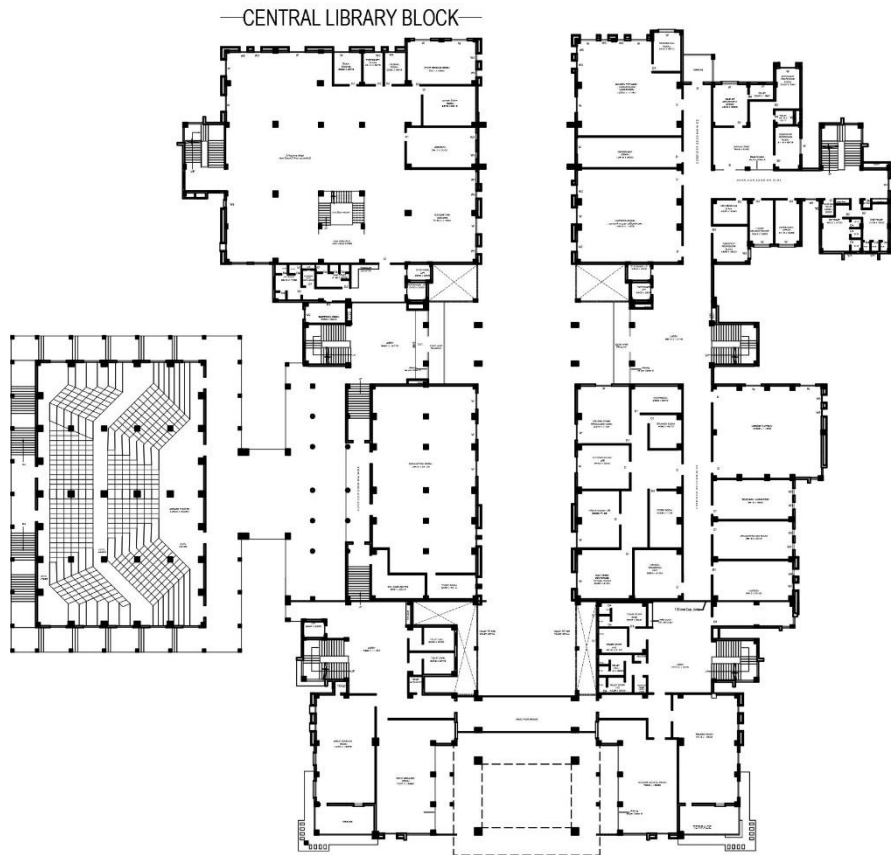
2.5 M. WIDE CORRIDOR



GROUND FLOOR PLAN



FRONT ELEVATION



1ST FLOOR PLAN



GIRLS HOSTEL



FRONT VIEW OF COLLEGE BUILDING



2ND FLOOR PLAN



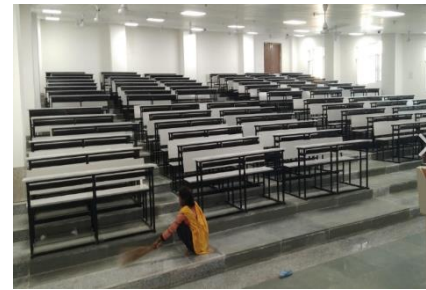
SIDE VIEW OF ACADEMIC BLOCK



3RD FLOOR PLAN



DISECTION HALL



LECTURE THEATRE



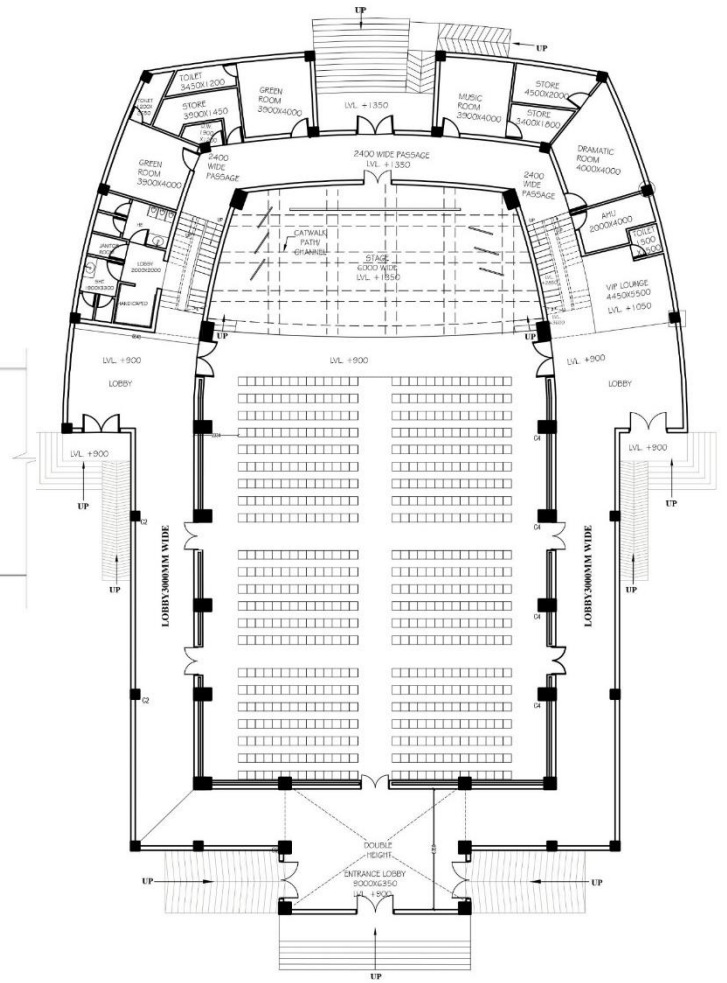
4RD FLOOR PLAN



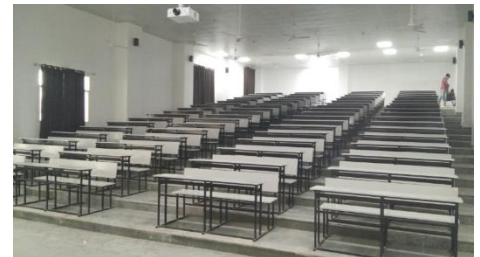
CENTRAL LIBRARY



DEMO ROOM



MULTIPURPOSE HALL
(650 STUDENTS CAPACITY)



FRONT ELEVATION OF MULTIPURPOSE HALL



FIRST FLOOR LEACTURE THEATRE

COLLEGE BUILDING:

FLOOR	AREA
GROUND FLOOR	6105 SQ.MT.
1 ST FLOOR PLAN	6105 SQ.MT.
2 ND FLOOR	4348 SQ.MT.
3 RD FLOOR	4348 SQ.MT.
4 TH FLOOR	3554 SQ.MT.

GROUND FLOOR

- ADMINSTRATIVE BLOCK
- ANATOMY BLOCK
- FORENSIC MEDICINE BLOCK

1ST FLOOR

- PATHOLOGY BLOCK
- CENTRAL LIBRARY

2ND FLOOR

- PATHOLOGY BLOCK
- CENTRAL LIBRARY

3RD FLOOR

- MICROBIOLOGY BLOCK
- PHARMACOLOGY BLOCK

4TH FLOOR

- COMMUNITY MEDICINE BLOCK
- BIOCHEMISTRY BLOCK

SERVICES:**LIFT:**

NO. OF PASSENGER LIFT - 3

SIZE- **2640X2000**

NO. OF STRETCHER LIFT - 2

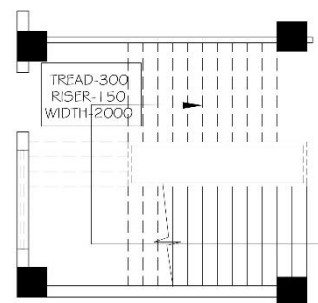
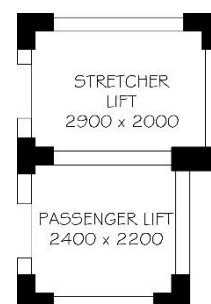
SIZE- **2900X2000****FIRE STAIRCASE:**

NO. OF FIRE STAIRCASE- 6

STAIR DETAIL- **RISER- 150 MM****TREAD-300 MM****WIDTH-2000 MM****SERVICE BLOCK:**

SIZE- 150 SQMT.

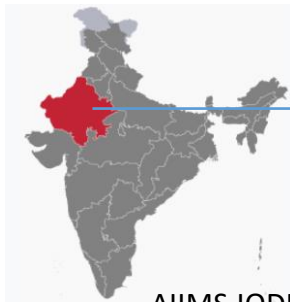
- (DG, TRANSFORMER AND ELECTRICAL ROOM)

**FIRE STAIRCASE****PASSENGER AND STRETCHER LIFT**

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

INTRODUCTION

- ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR (AIIMS JODHPUR) IS A MEDICAL COLLEGE AND MEDICAL RESEARCH PUBLIC UNIVERSITY BASED IN JODHPUR, INDIA. LIKE FIVE OTHER ALL INDIA INSTITUTES OF MEDICAL SCIENCES (AIIMS), IT WAS ESTABLISHED IN 2012 AND OPERATES AUTONOMOUSLY UNDER THE MINISTRY OF HEALTH AND FAMILY WELFARE.

LOCATION-

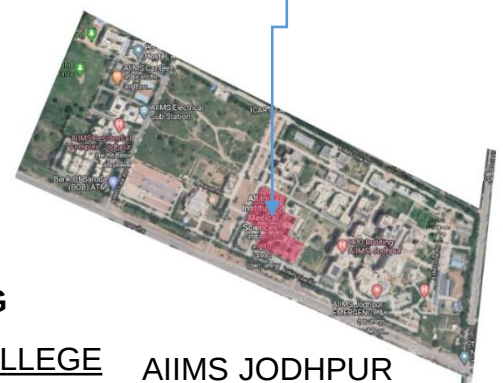
AIIMS JODHPUR IS SITUATED AT OUTSKIRTS OF CITY OF INDUSTRIAL AREA **BASNI, JODHPUR.**

**COLLEGE BUILDING**

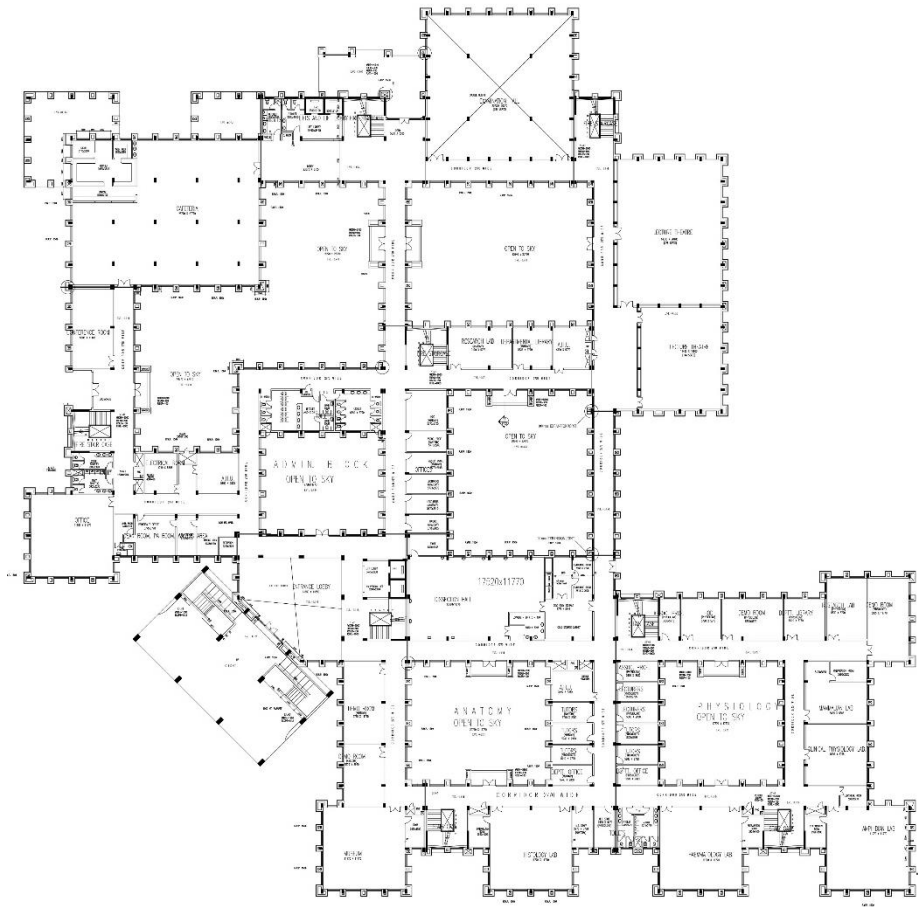
AUDITORIUM
COVERED AREA- **2478.93 SQ.MT.**

AREA COVERED BY COLLEGE BUILDING- **9589 SQ.MT.**

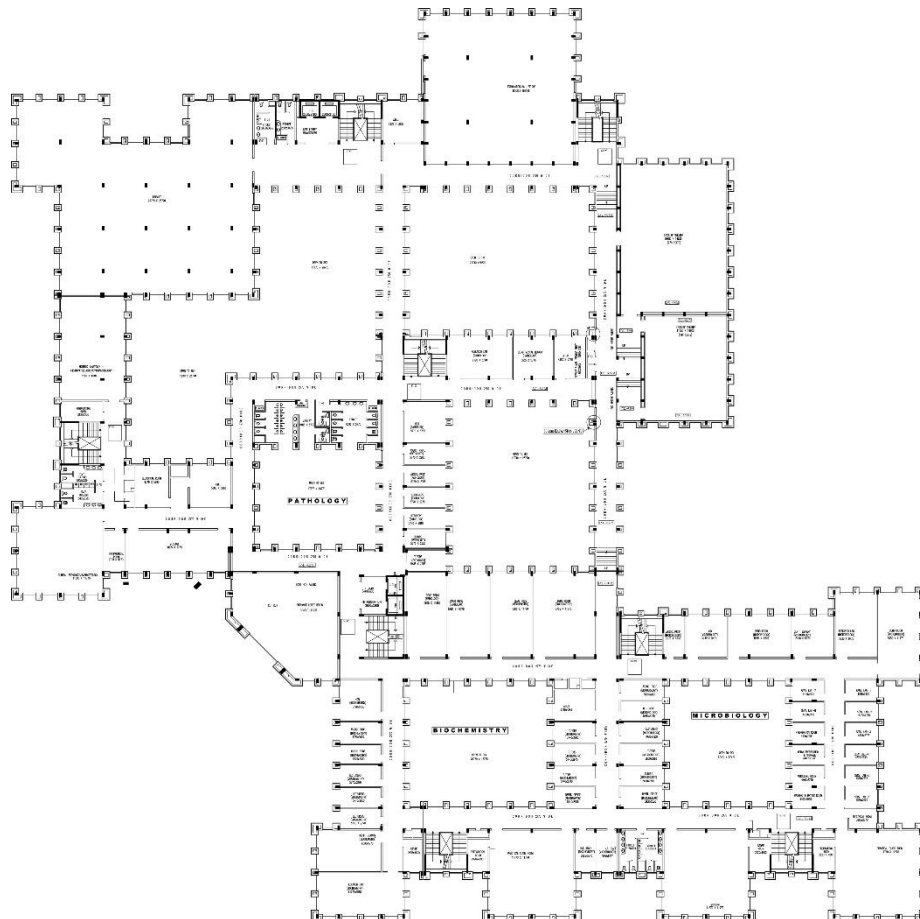
AIIMS JODHPUR



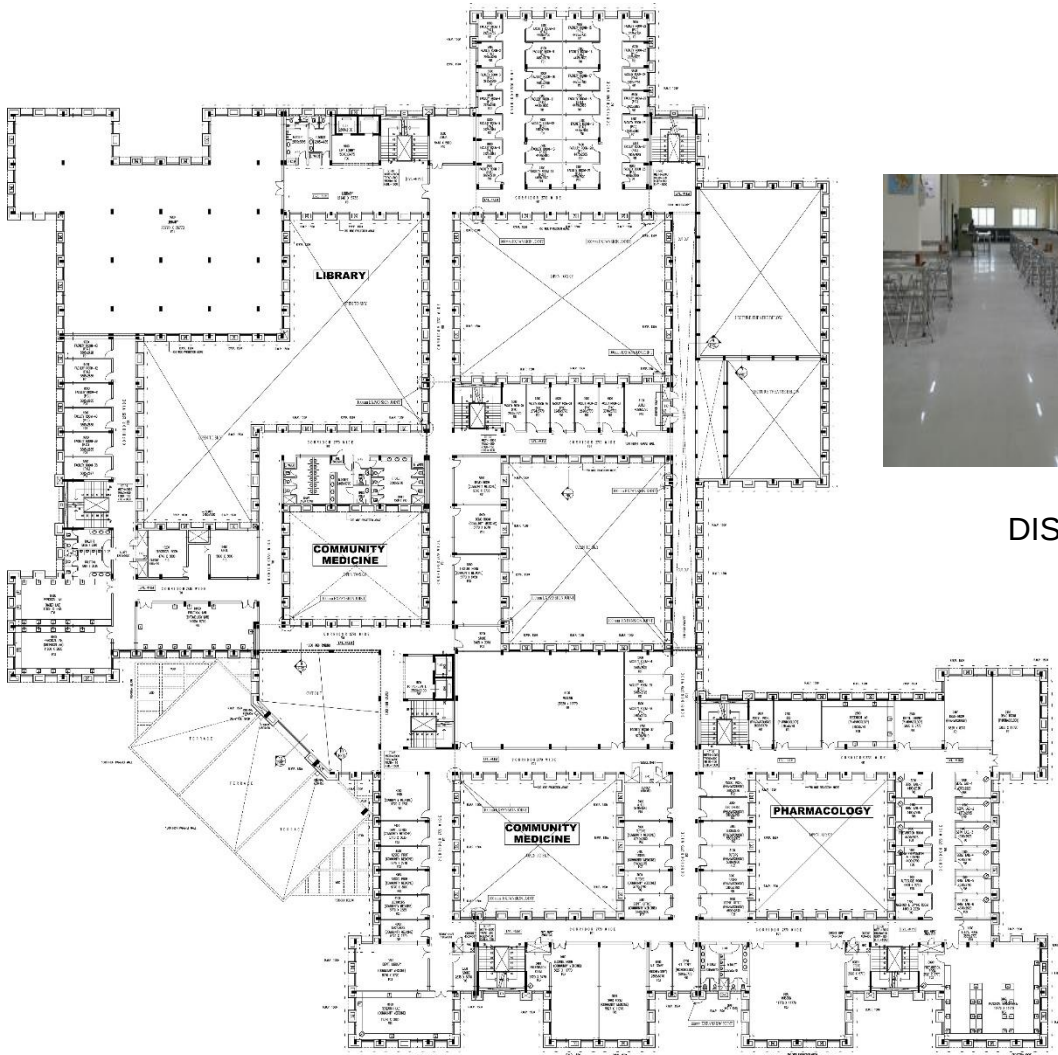
COLLEGE BUILDING



GROUND FLOOR PLAN



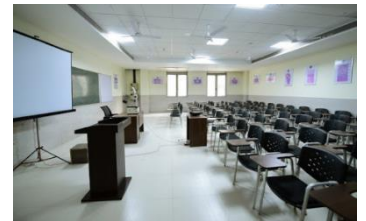
FIRST FLOOR PLAN



SECOND FLOOR PLAN



DISSECTION HALL



DEMO ROOM



DEMO ROOM 2



LECTURE THEATRE



CENTRAL LIBRARY



AUDITORIUM

GROUND FLOOR

- ADMINISTRATIVE BLOCK
- ANATOMY BLOCK
- PHYSIOLOGY BLOCK

1ST FLOOR

- PATHOLOGY BLOCK
- MICROBIOLOGY BLOCK
- BIOCHEMISTRY
- LIBRARY

2ND FLOOR

- PHARMACOLOGY BLOCK
- CENTRAL LIBRARY
- COMMUNITY MEDICINE BLOCK

3RD FLOOR

- FORENSIC MEDICINE BLOCK
- CENTRAL LIBRARY

BUILT UP AREA REQUIREMENTS (100 ADMISSIONS)

ITEM DETAILS	NO.	AREA (Sq. M.) Each	Total (Sq. m.)	Remarks
(1)	(2)	(3)	(4)	(5)
Administrative Block				
Principal/Dean's Office		36	36	
Staff Room		54	54	
College Council Room		80	80	
Officer Superintendent's Room		10	10	
Office		150	150	
Record Room		100	100	
Examination room		300	300	
Common Room – Boys		100	100	
Girls		100	100	
Cafeteria		200	200	
Central Library		1600	1600	
Lecture Theatres	3	330	990	120 Seating Capacity
	1	660	660	250 Seating Capacity
Auditorium	1	800	800	500-700 Seating Capacity
Common Laboratories	6	170	1020	
	2	75	150	
Central Research Laboratory	1	100	100	
Department Total			6450	
DEPARTMENTS				
Anatomy				
Demonstration Room	2	45	90	Accommodate at least 50-60 Students
Dissection Hall	1	250	250	Accommodate at least 100 Students
Museum		150	150	Accommodate 25 students to study in the museum
Accommodation for Staff				
Professor & Head	1	18	18	
Asso. Prof./Reader	1	15	15	
Asst. Prof./Lecturer	2	20	40	

Tutor/Demonstrators	4	15	60
Department Office/Clerical Room	1	12	12
Non-teaching staff room	1	12	12
Department Total			647

Physiology including Bio-physics

Demonstration Room	1	45	45	Accommodate at least 50-60 Students
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Accommodation for Staff

Professor & Head	1	18	18
Asso. Prof./Reader	1	15	15
Asst. Prof./Lecturer	2	20	40
Tutor/Demonstrators	4	15	60
Department Office/Clerical Room	1	12	12
Non-teaching staff room	1	12	12
Department Total			157

Biochemistry

Demonstration Room	1	45	45	Accommodate at least 50-60 Students
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Accommodation for Staff

Professor & Head	1	18	18
Asso. Prof./Reader	1	15	15
Asst. Prof./Lecturer	1	12	12
Tutor/Demonstrators	4	15	60
Department Office/Clerical Room	1	12	12

Biochemistry

Demonstration Room	1	45	45	Accommodate at least 50-60 Students
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Accommodation for Staff

Professor & Head	1	18	18
Asso. Prof./Reader	1	15	15
Asst. Prof./Lecturer	1	12	12
Tutor/Demonstrators	4	15	60
Department Office/Clerical Room	1	12	12
Non-teaching staff room	1	12	12
Department Total			174

Pathology

Demonstration Room	1	45	45	Accommodate at least 50-60 Students
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Museum		150	150
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Accommodation for Staff

Professor & Head	1	18	18
Asso. Prof./Reader	2	15	30
Asst. Prof./Lecturer	3	12	36
Tutor/Demonstrators	5	15	75
Department Office/Clerical Room	1	12	12
Non-teaching staff room	1	12	12

Department Total			378	
Blood Bank (includes)		100	100	
(a) Registration & Medical Examination Room				
(b) Blood Collection Room				
(c) Room for Laboratory for Blood Group Serology				
(d) Room for Lab. For Transmissible diseases like Hepatitis, Syphilis, Malaria, HIV antibodies, etc.				
(e) Sterilisation and Washing Room				
(f) Refreshment Room				
(g) Store and Records Rooms				
Microbiology				
Service Laboratory	7	25	175	Each for Bacteriology, Serology, Virology, Parasitology, Mycology, Tuberculosis and Immunology
Museum		100	100	
Accommodation for Staff				
Professor & Head	1	18	18	
Asso. Prof./Reader	1	15	15	
Asst. Prof./Lecturer	2	12	24	
Tutor/Demonstrators	3	15	45	
Department Office/Clerical Room	1	12	12	
Non-teaching staff room	1	12	12	
Department Total			401	
Pharmacology				
Demonstration Room	1	45	45	Accommodate at least 50-60 Students
Museum		100	100	
Accommodation for Staff				
Professor & Head	1	18	18	
Asso. Prof./Reader	1	15	15	
Asst. Prof./Lecturer	2	12	24	
Tutor/Demonstrators	2	15	30	
Department Office/Clerical Room	1	12	12	
Non-teaching staff room	1	12	12	
Department Total			256	

**Forensic Med. Including
Toxicology**

Demonstration Room	1	45	45	Accommodate at least 50-60 Students
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Autopsy Block		400	400
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Museum		100	100
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Accommodation for Staff

Professor & Head	1	18	18
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Asso. Prof./Reader	1	15	15
--------------------	---	----	----

Asst. Prof./Lecturer	1	12	12
----------------------	---	----	----

Tutor/Demonstrators	2	15	30
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Department Office/Clerical Room	1	12	12
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Non-teaching staff room	1	12	12
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Department Total			629
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Community Medicine

Museum		150	150
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Primary Health Centre/Rural

Health Training Centre

Urban Health Training Centre

Accommodation for Staff

Professor & Head	1	18	18
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Asso. Prof./Reader	2	15	30
--------------------	---	----	----

Asst. Prof./Lecturer	2	15	30
----------------------	---	----	----

Statistician-cum-Lecturer	1	12	12
---------------------------	---	----	----

Epidemiologist-cum-Lecturer	1	12	12
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Tutor/Demonstrators	1	15	15
---------------------	---	----	----

Professor & Head	1	18	18
------------------	---	----	----

Asso. Prof./Reader	2	15	30
--------------------	---	----	----

Asst. Prof./Lecturer	2	15	30
----------------------	---	----	----

Statistician-cum-Lecturer	1	12	12
---------------------------	---	----	----

Epidemiologist-cum-Lecturer	1	12	12
-----------------------------	---	----	----

Tutor/Demonstrators	1	15	15
---------------------	---	----	----

Department Office/Clerical Room	1	12	12
---------------------------------	---	----	----

Non-teaching staff room	1	15	15
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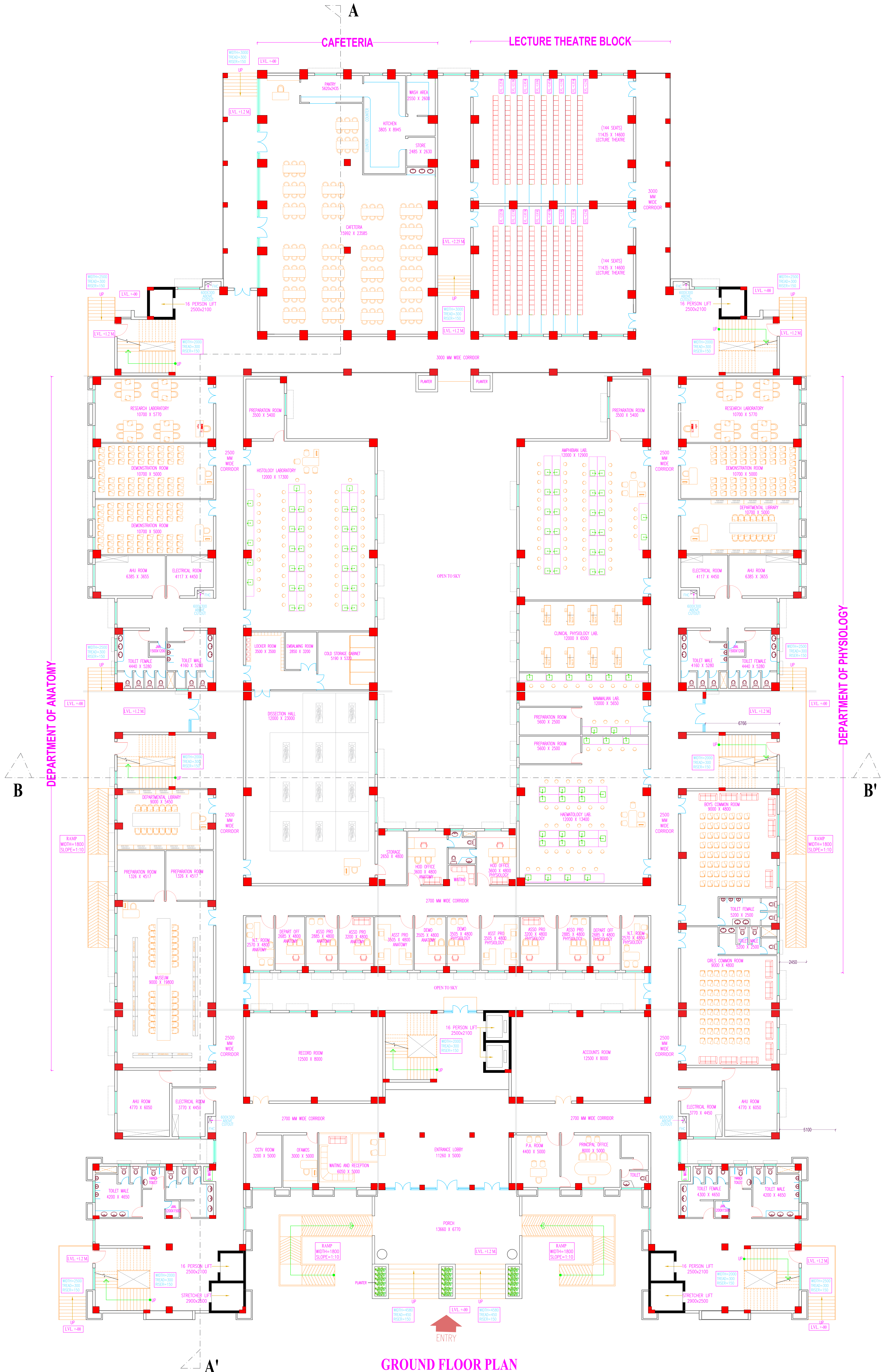
Department Total			294
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COLLEGE TOTAL			9486
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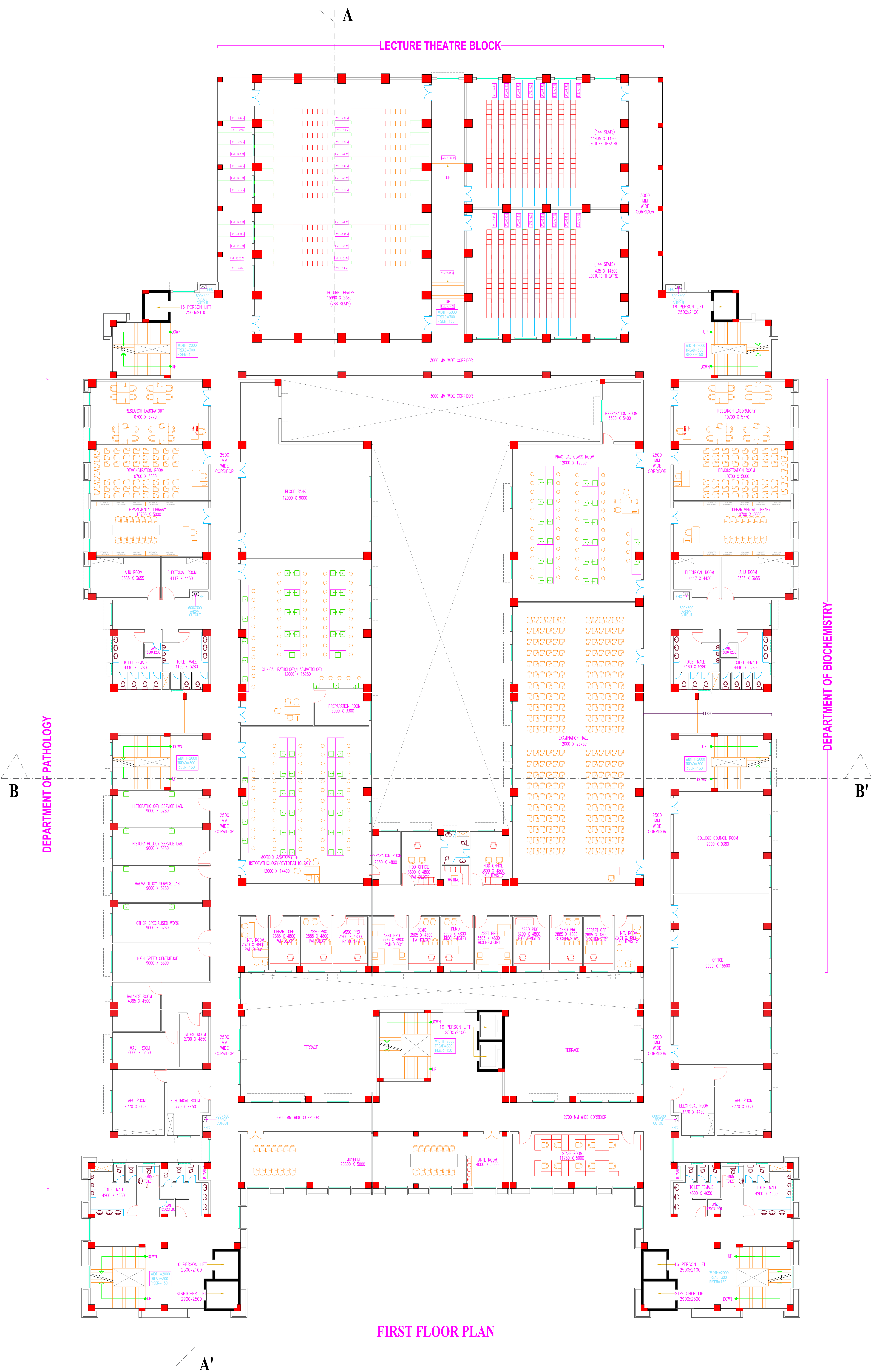
SIDDHARTH NAGAR MEDICAL COLLEGE



VIEW



GROUND FLOOR PLAN



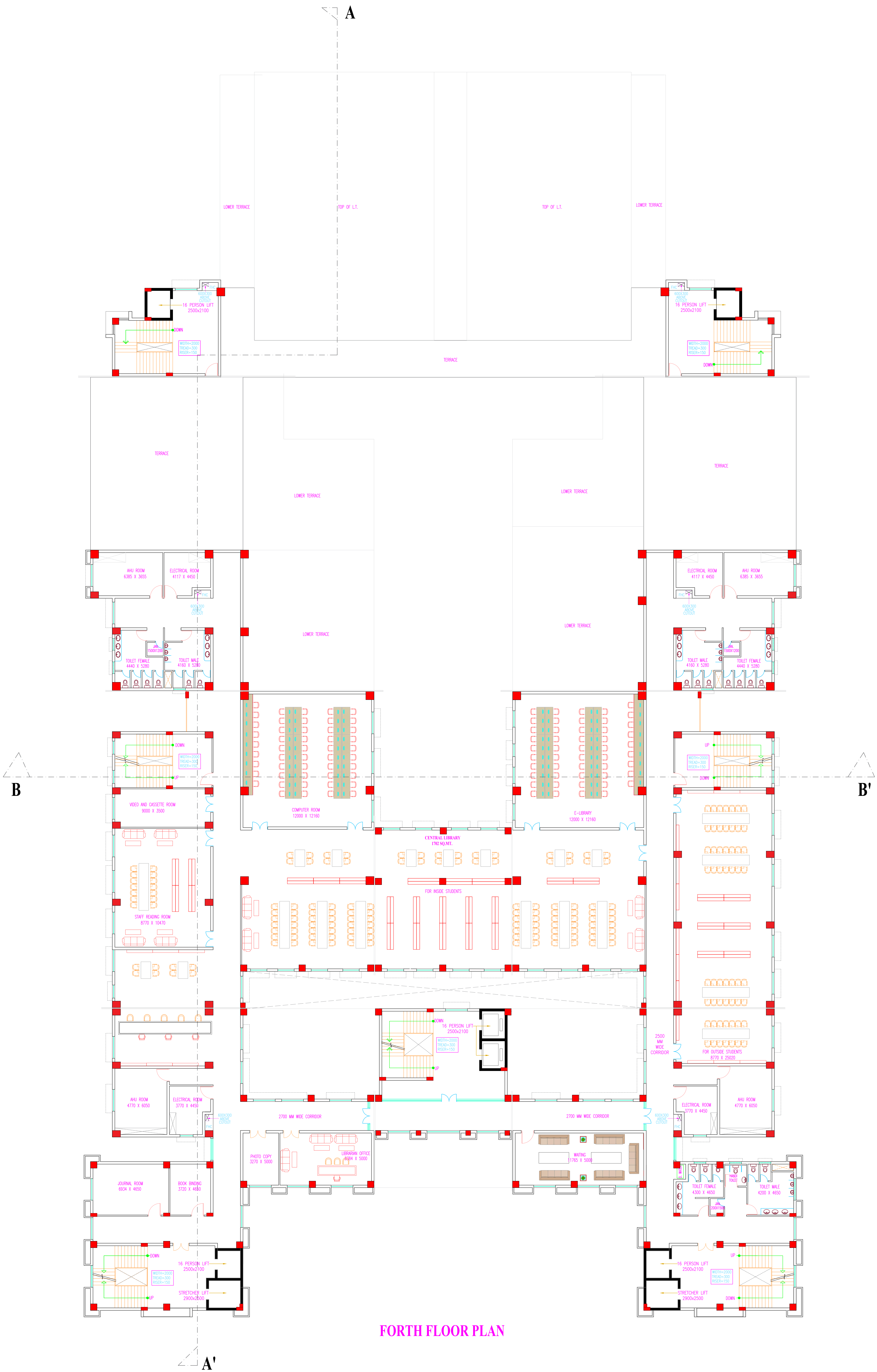




DEPARTMENT OF FORENSIC MEDICINE INCLUDING TOXICOLOGY

A

A



FORTH FLOOR PLAN



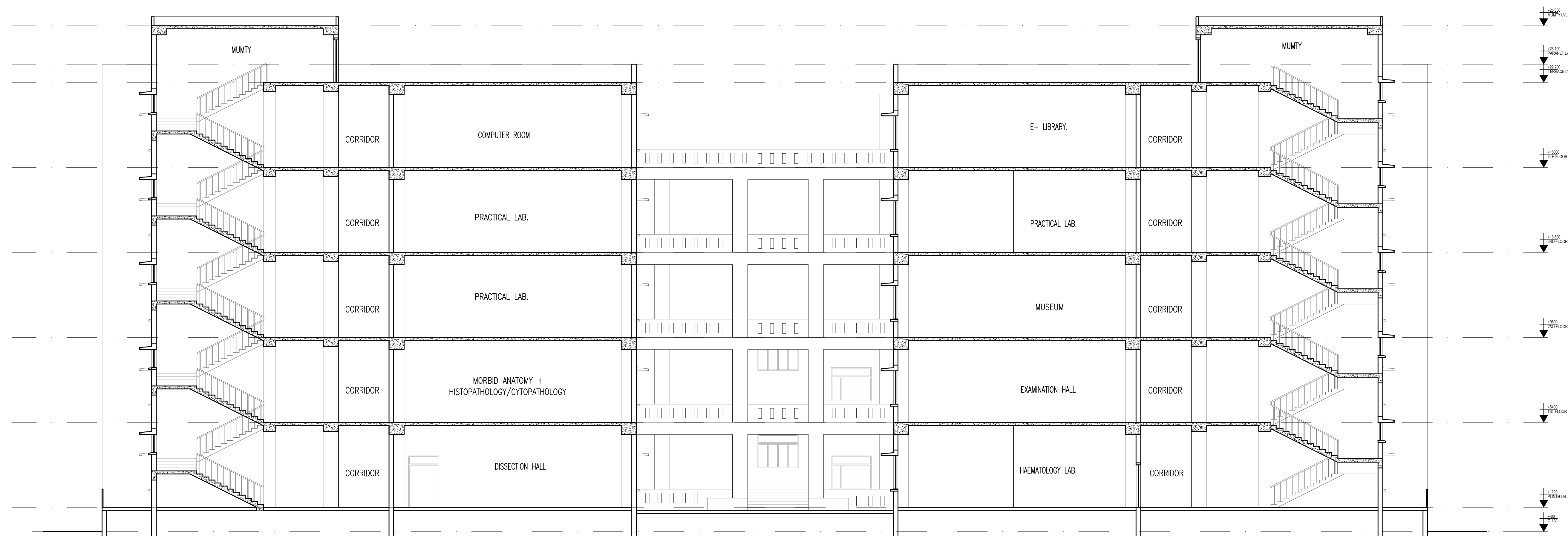
FRONT ELEVATION



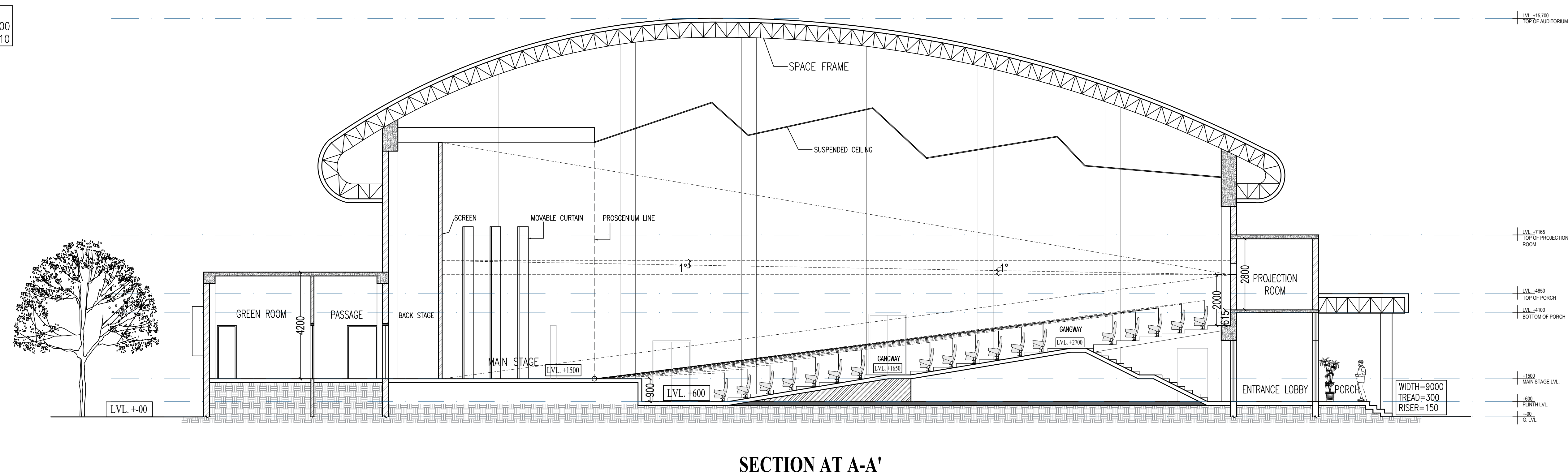
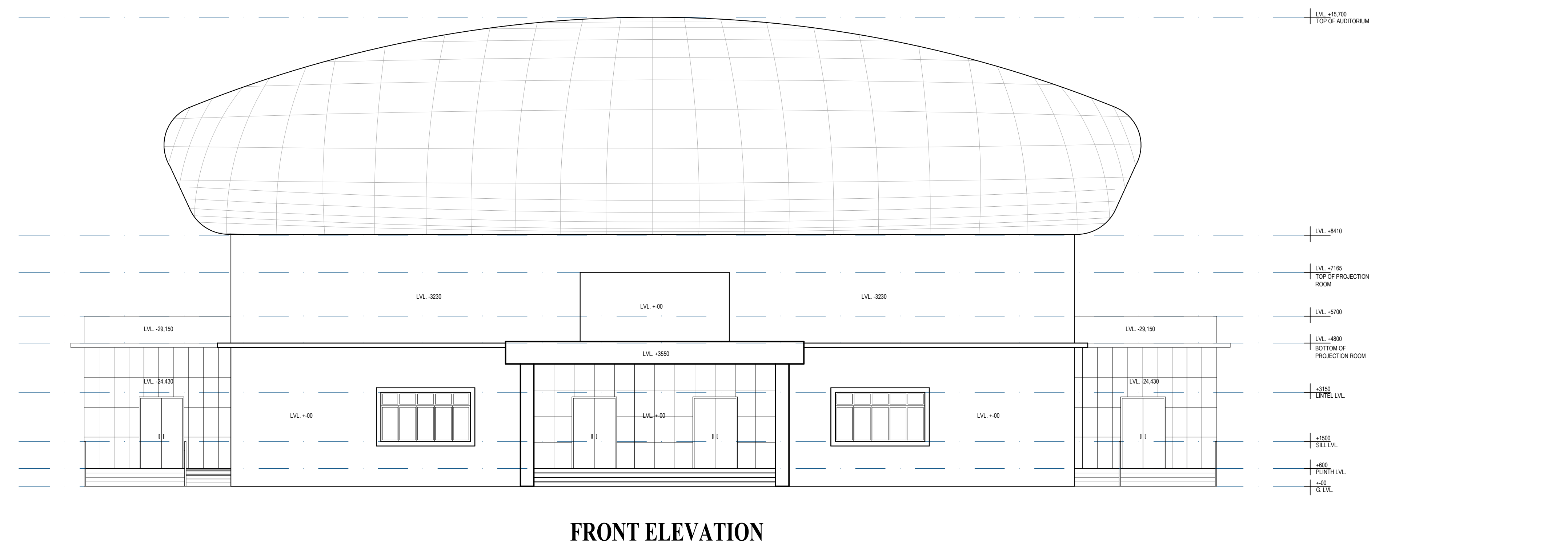
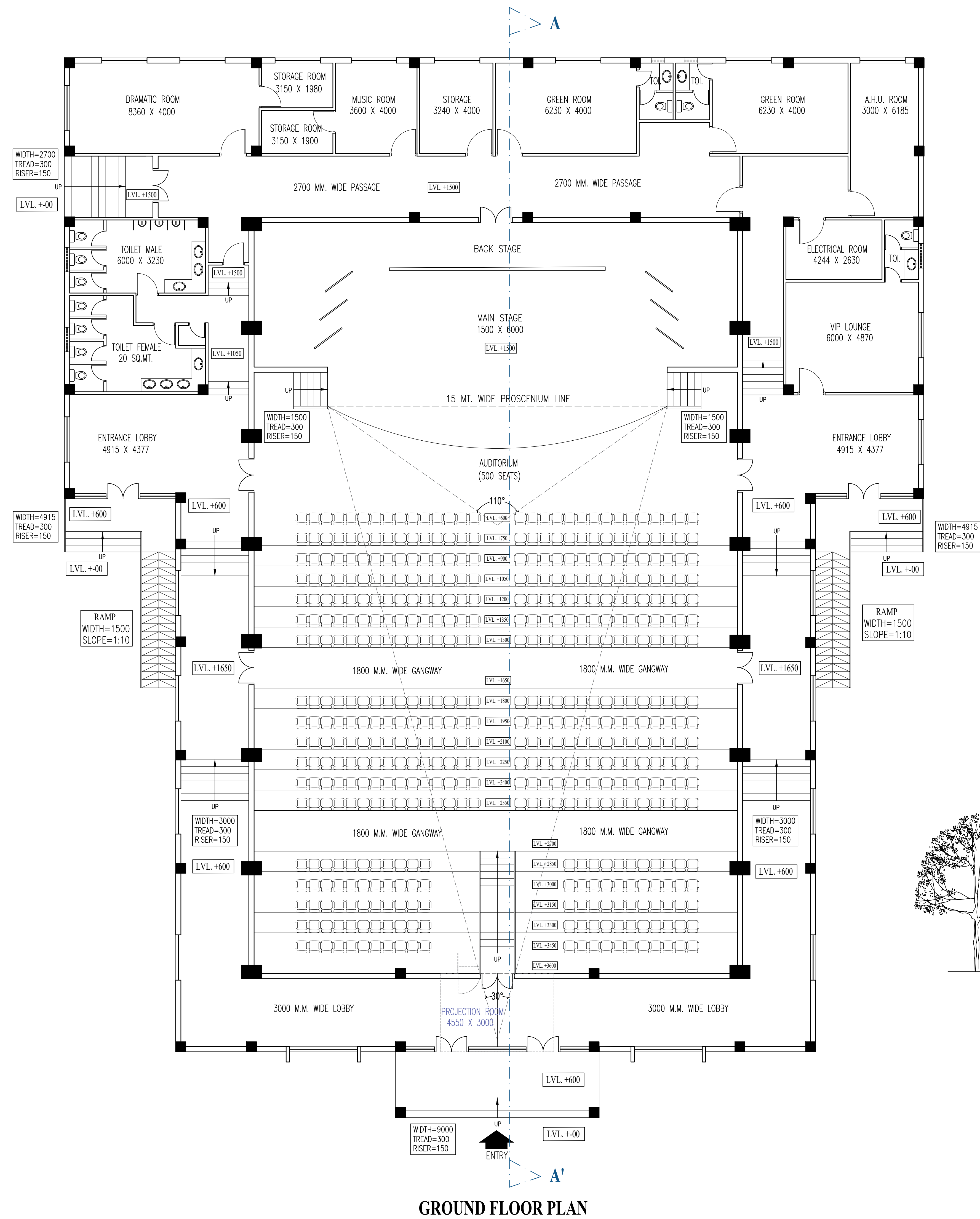
SIDE ELEVATION

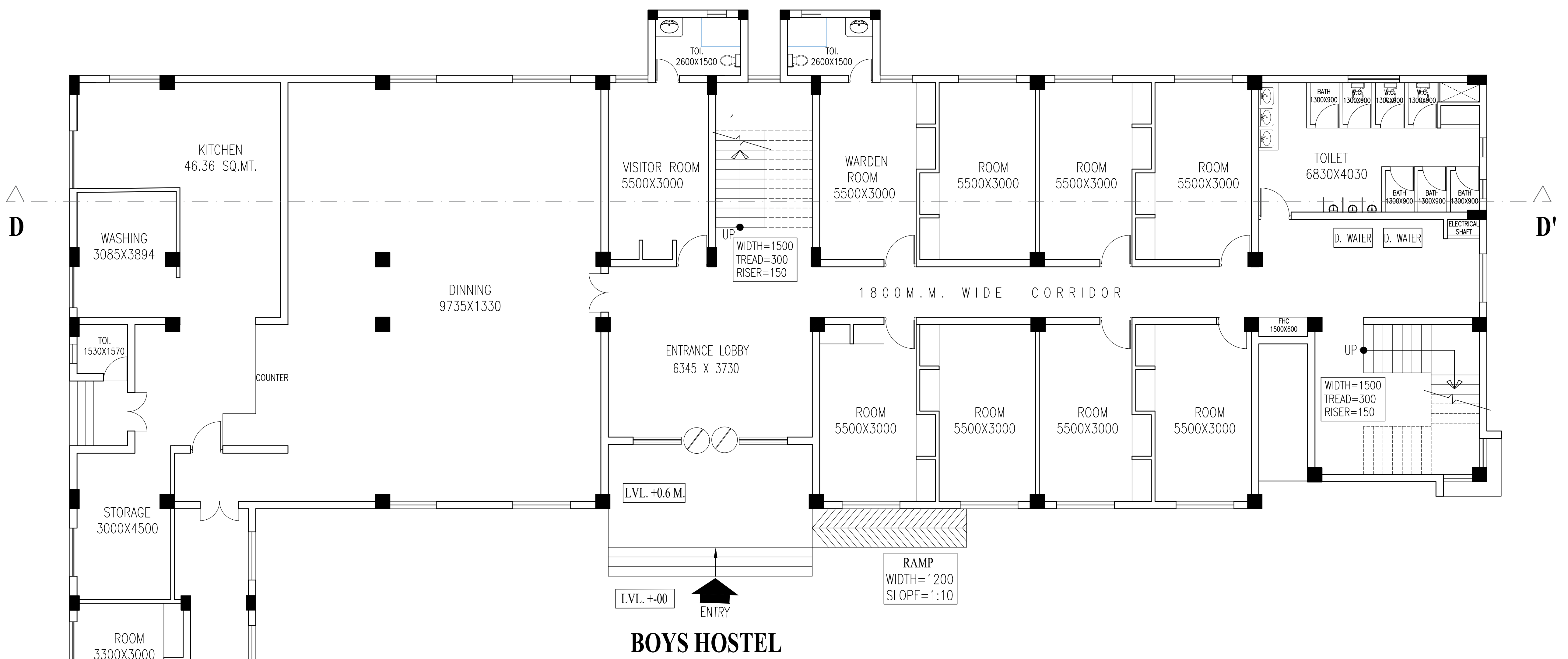


SECTION AT A-A'

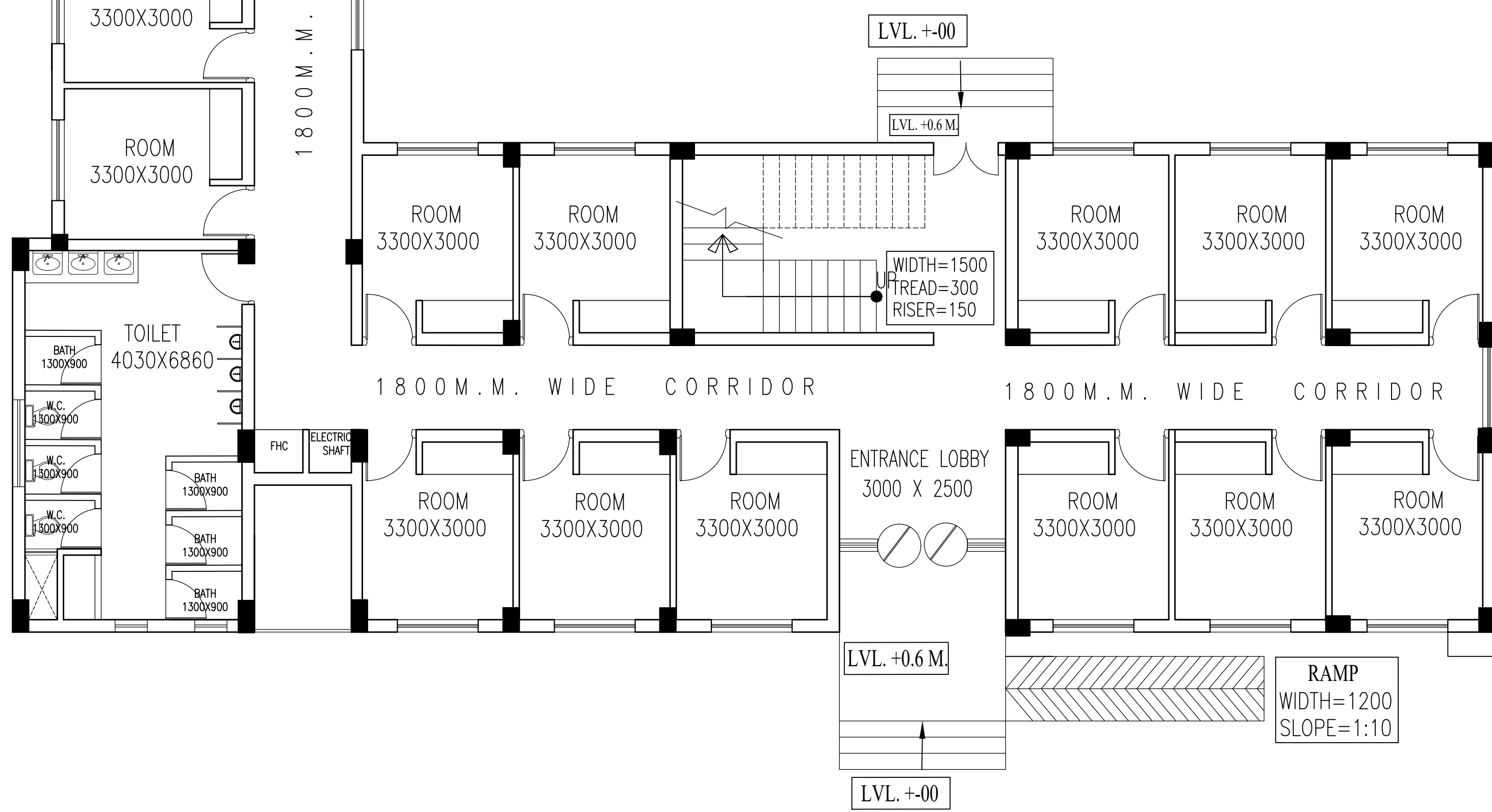


SECTION AT B-B'

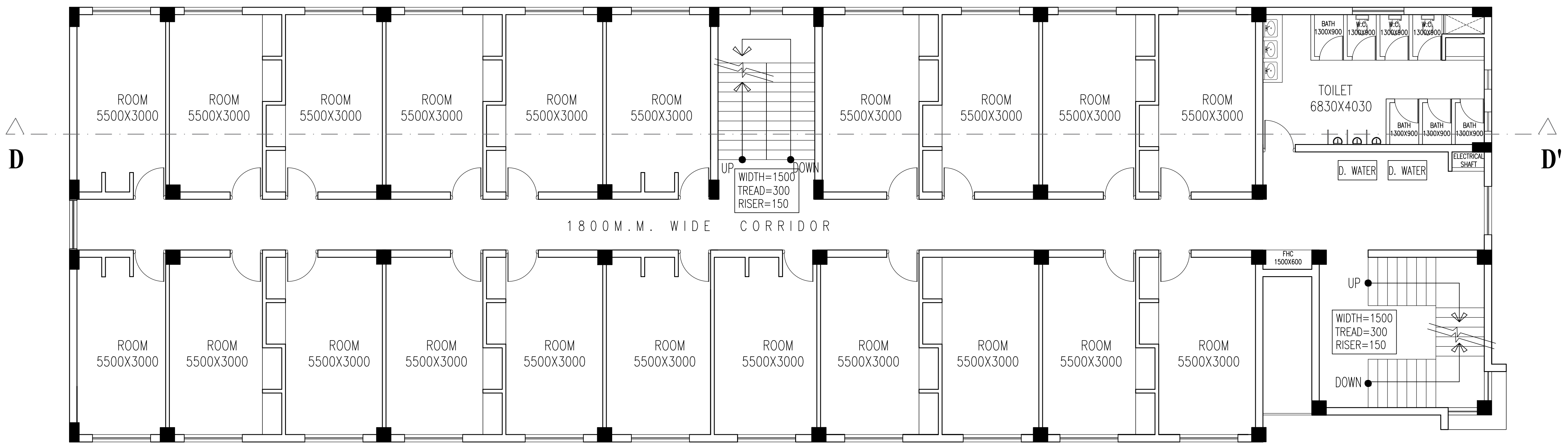




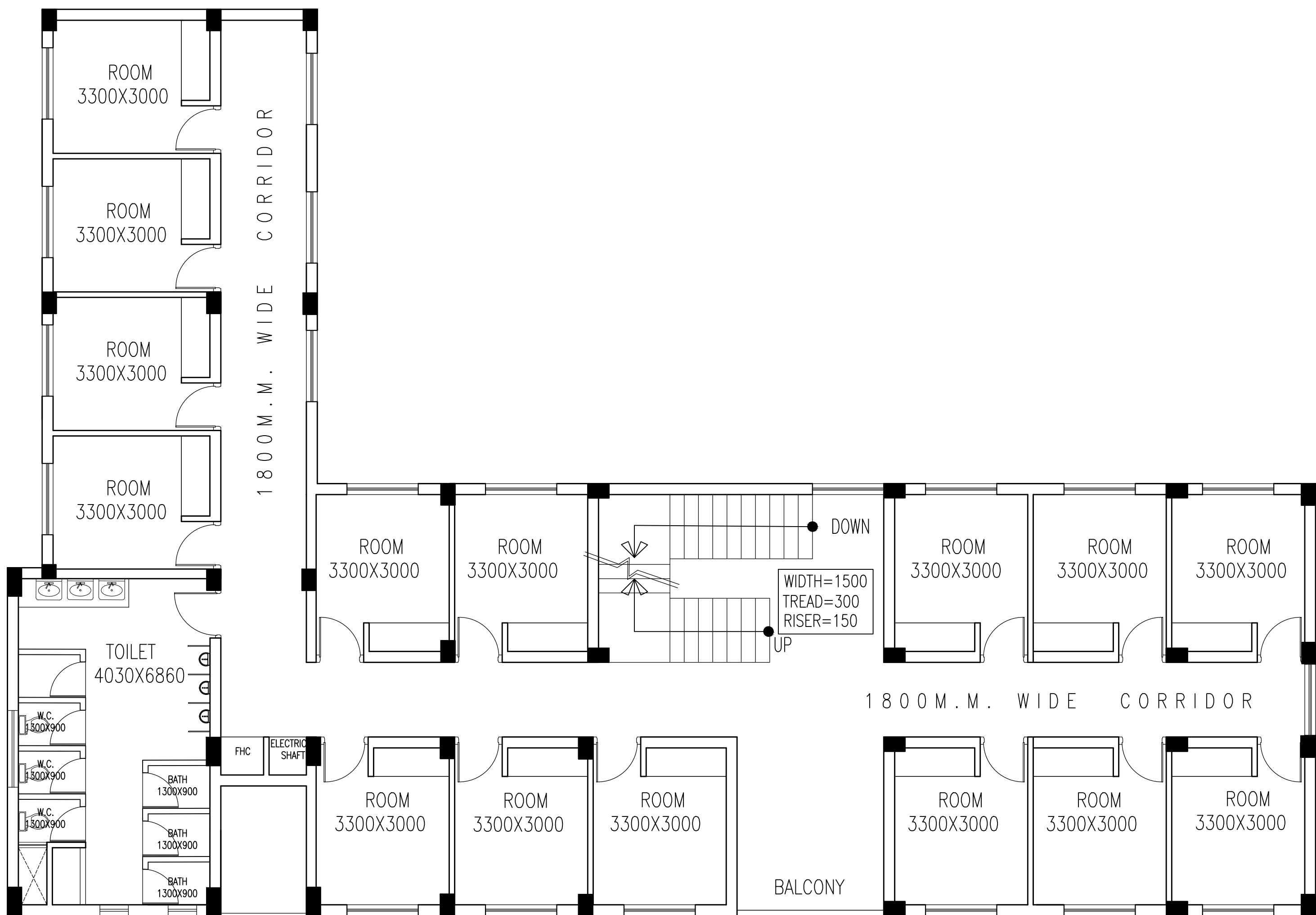
BOYS HOSTEL



INTERN BOYS HOSTEL



BOYS HOSTEL



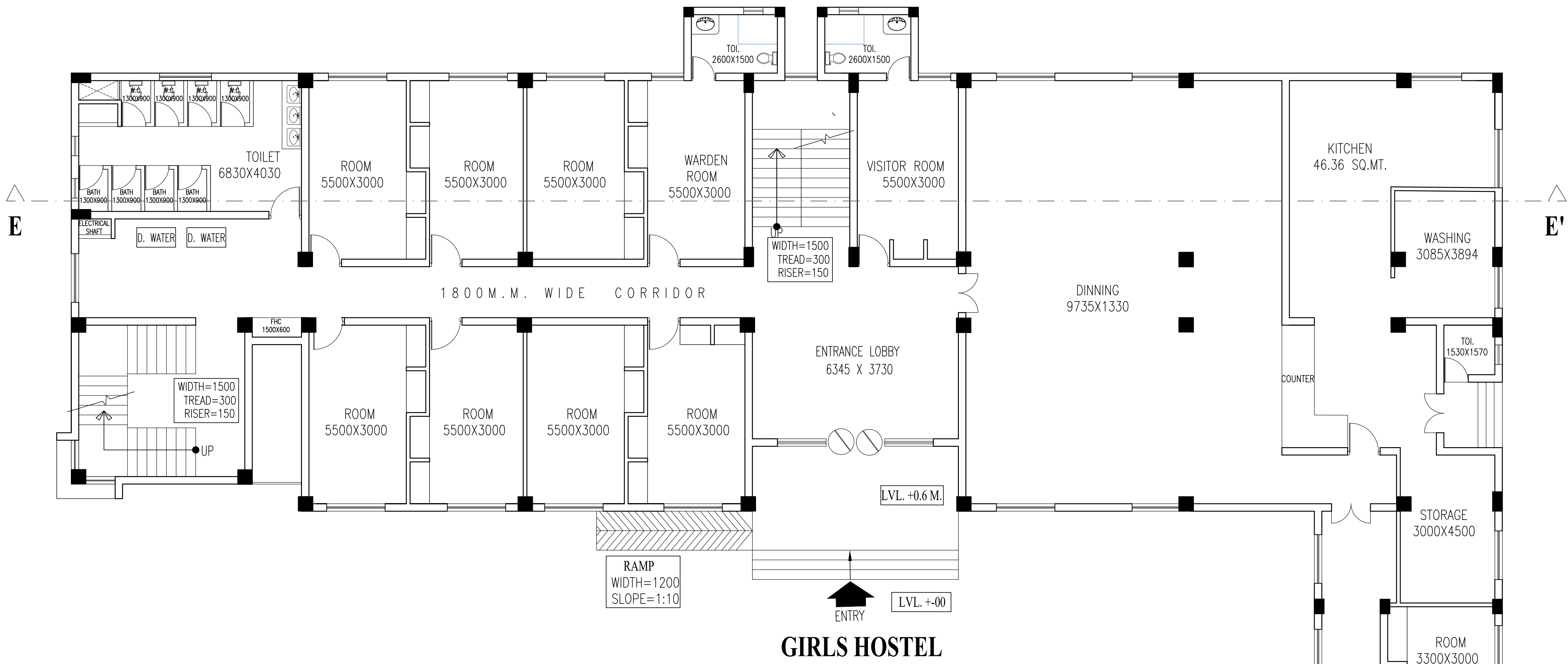
INTERN BOYS HOSTEL



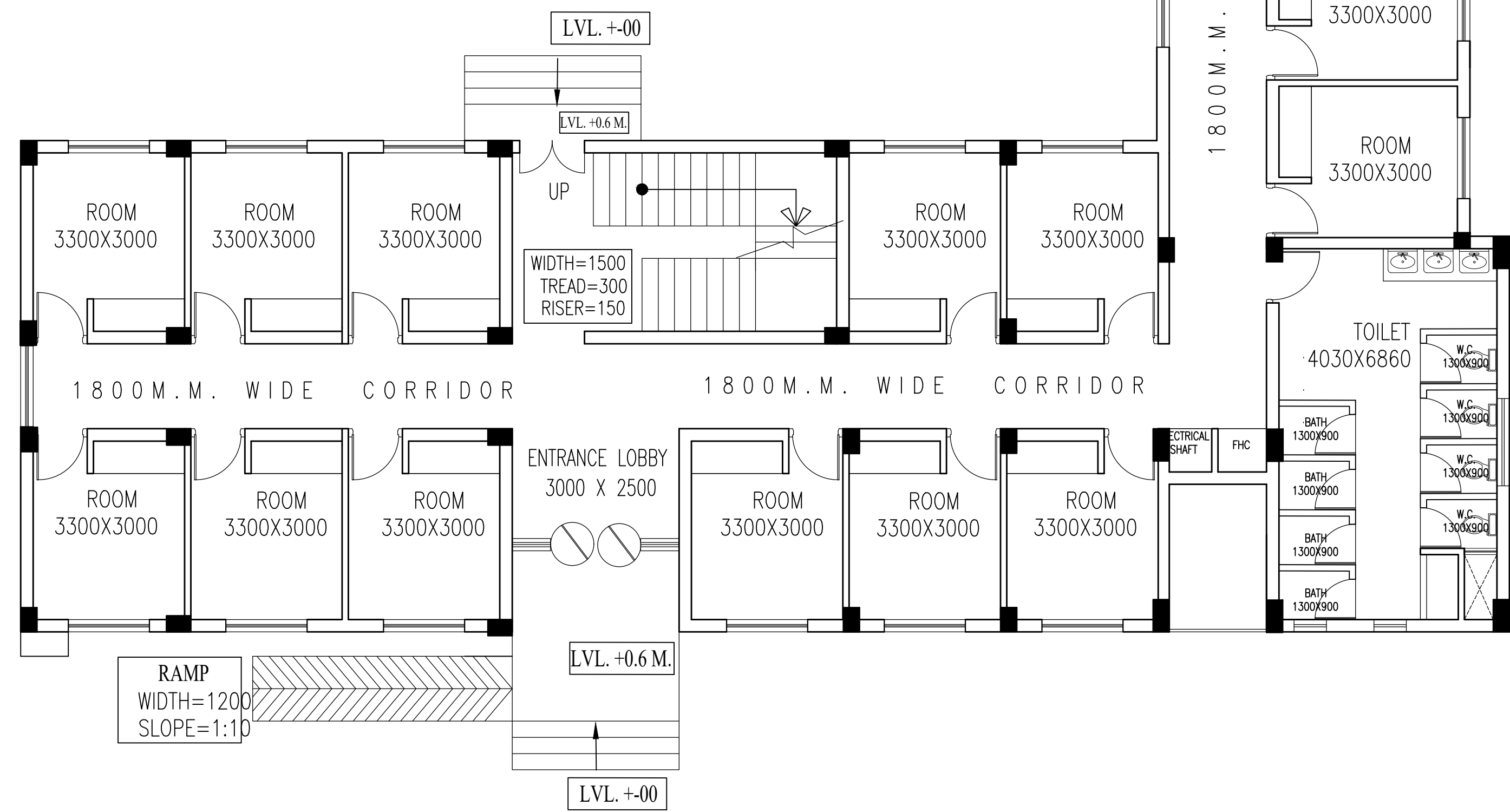
FRONT ELEVATION



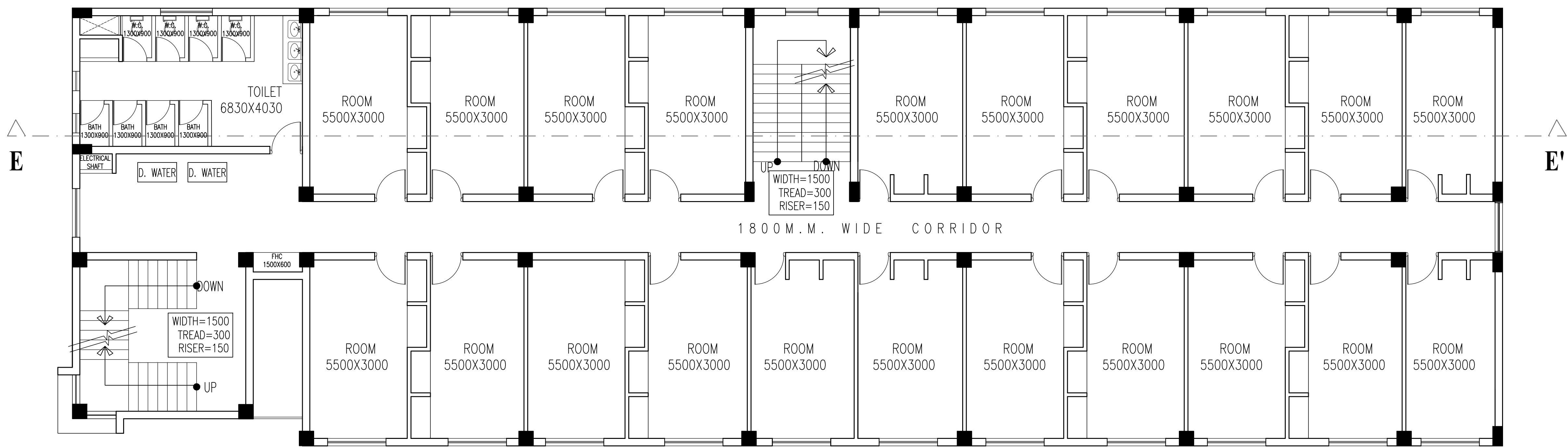
SECTION AT D-D'



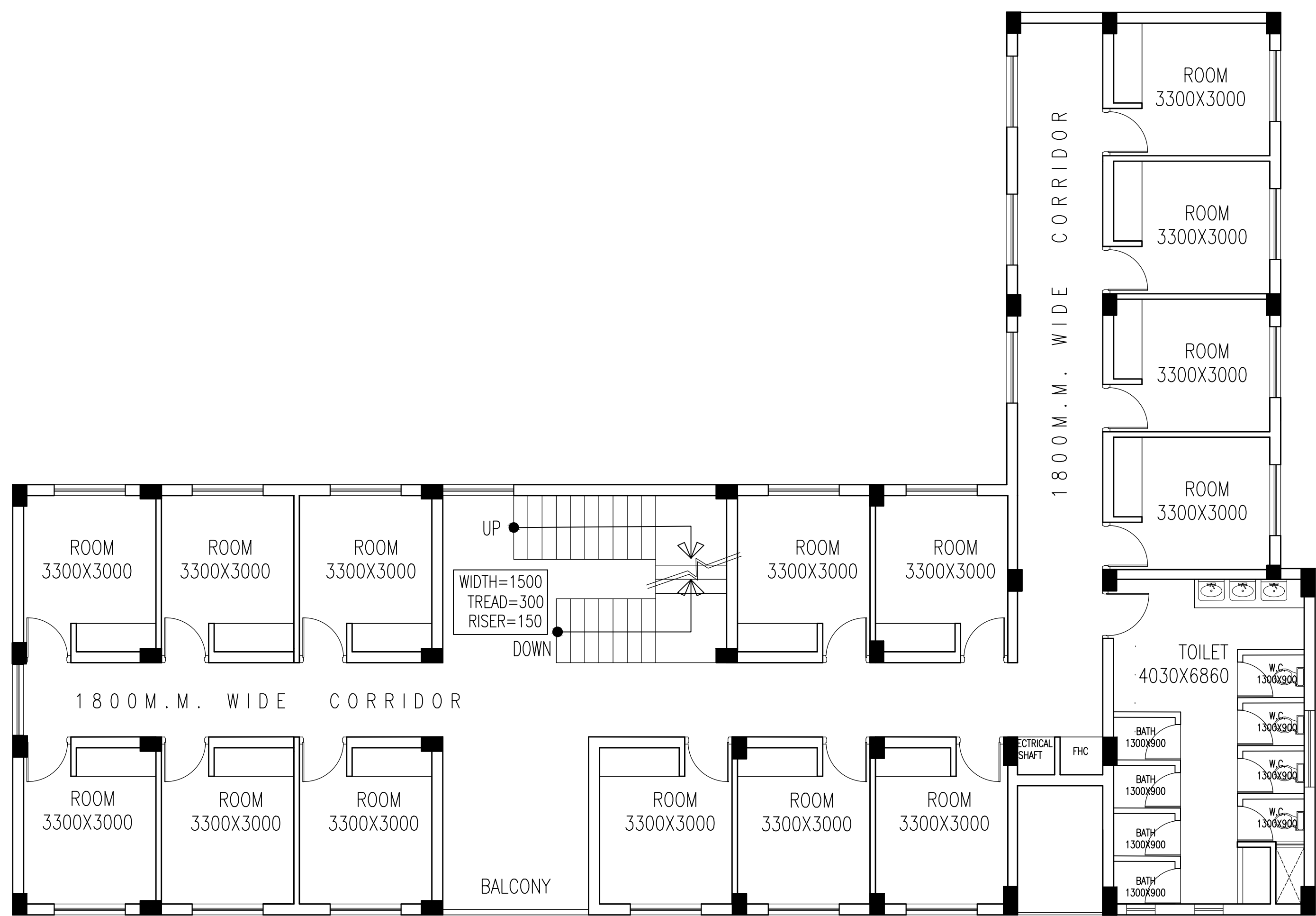
GIRLS HOSTEL



INTERN GIRLS HOSTEL



GIRLS HOSTEL



INTERN GIRLS HOSTEL

1ST, 2ND AND 3RD FLOOR PLAN

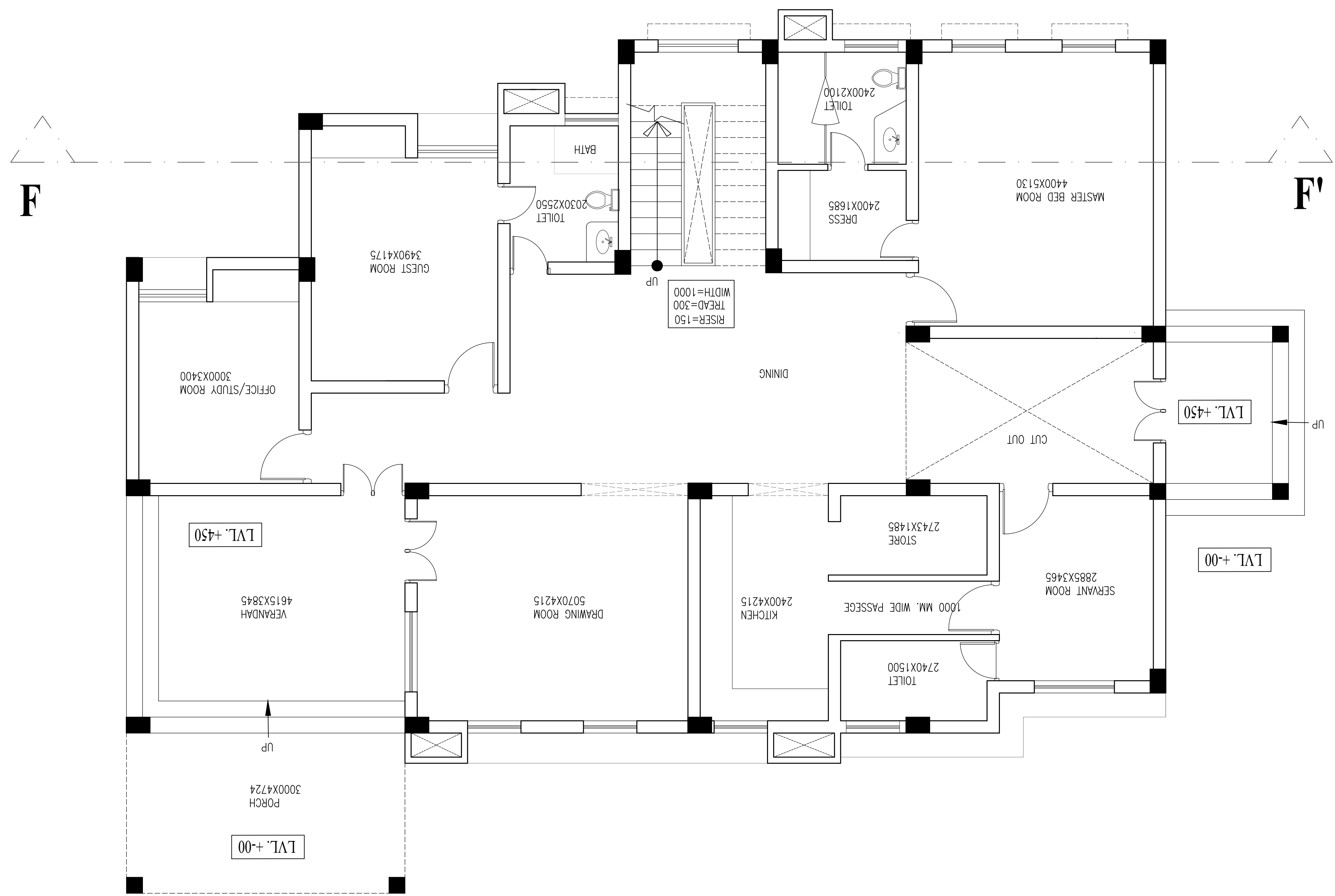


FRONT ELEVATION

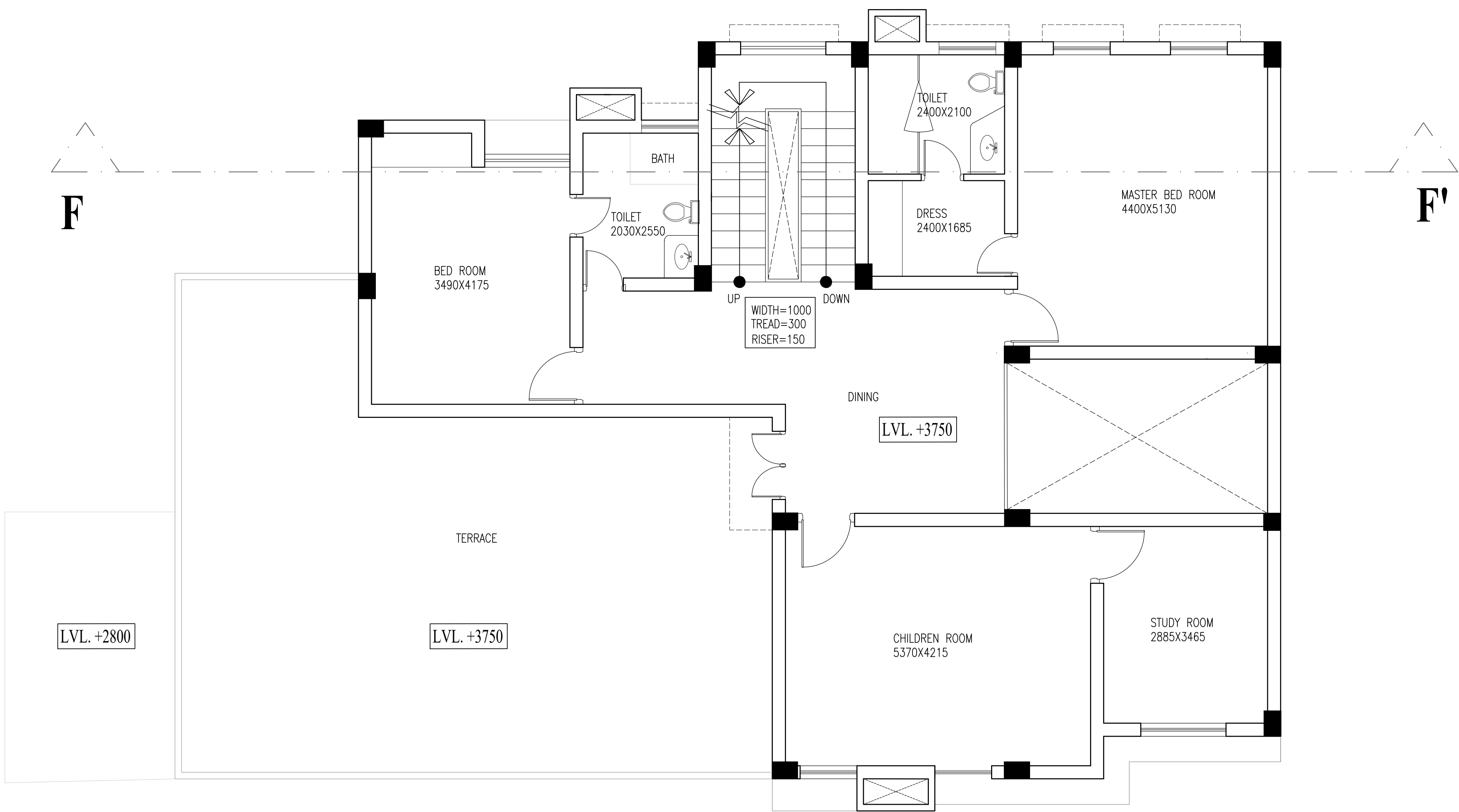


SECTION AT E-E'

PRINCIPAL HOUSE



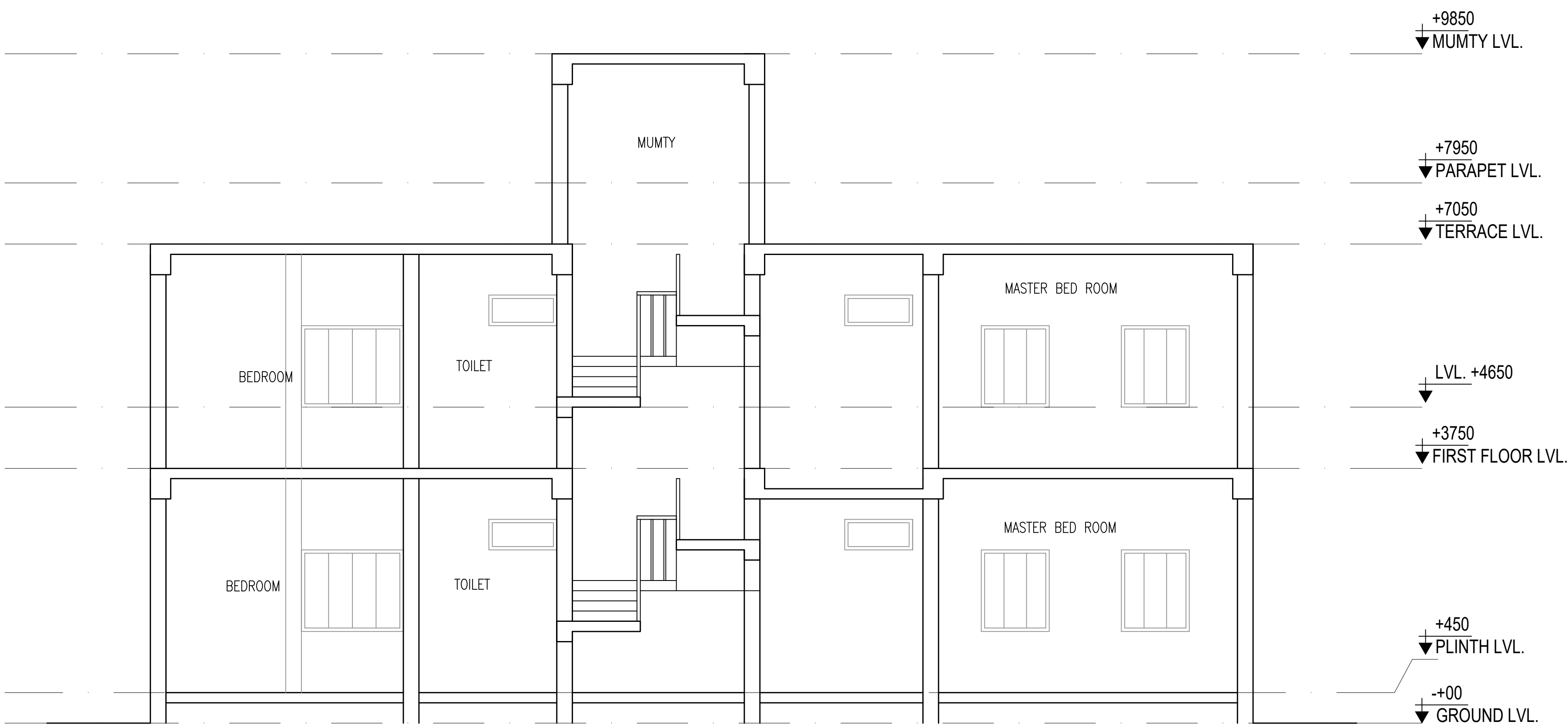
GROUND FLOOR PLAN



FIRST FLOOR PLAN

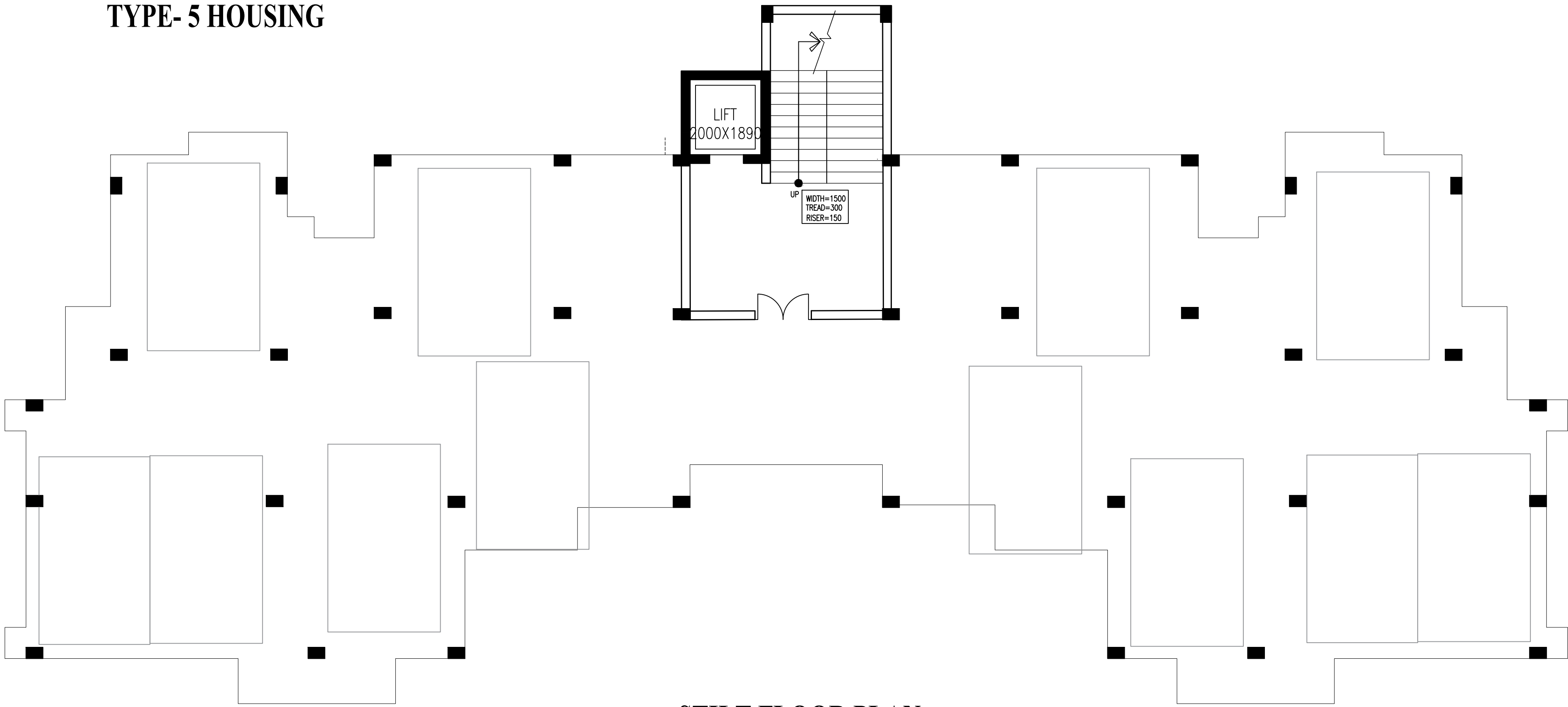


ELEVATION

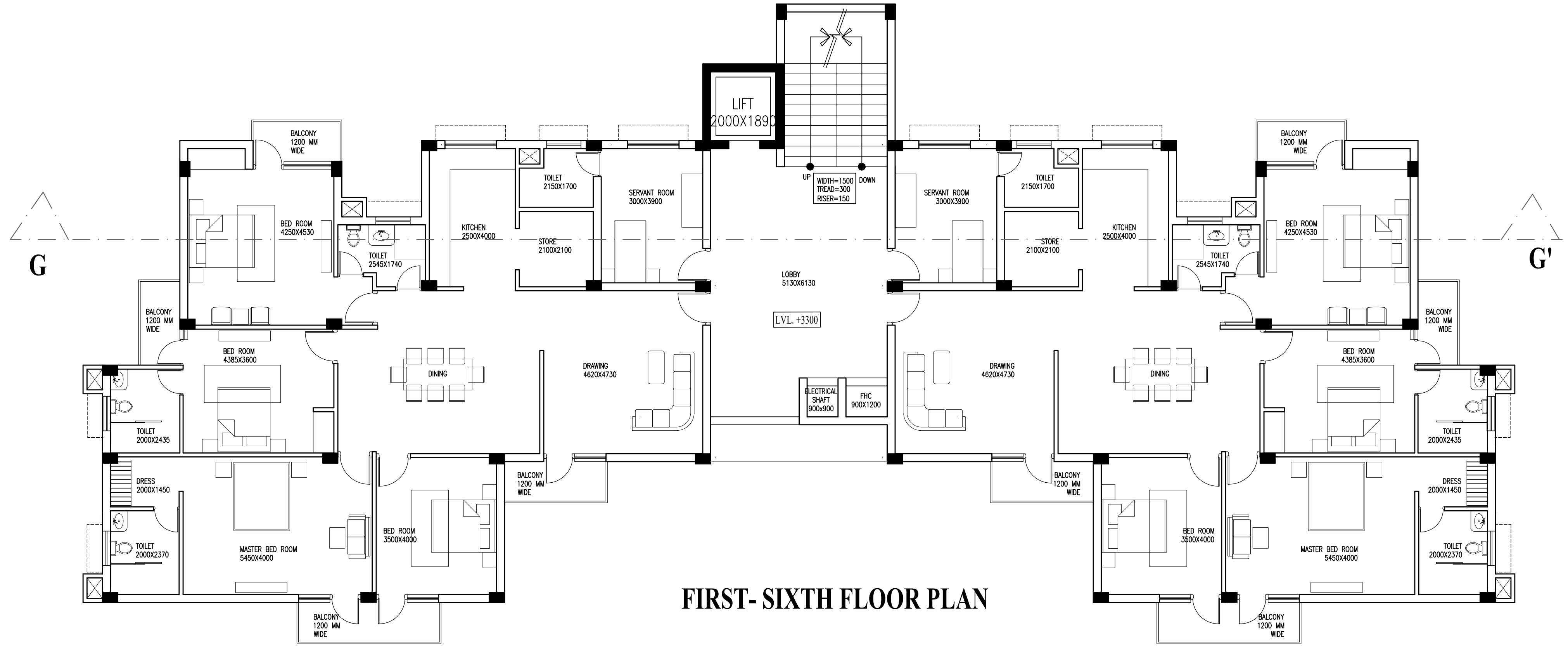


SECTION AT F-F'

TYPE-5 HOUSING



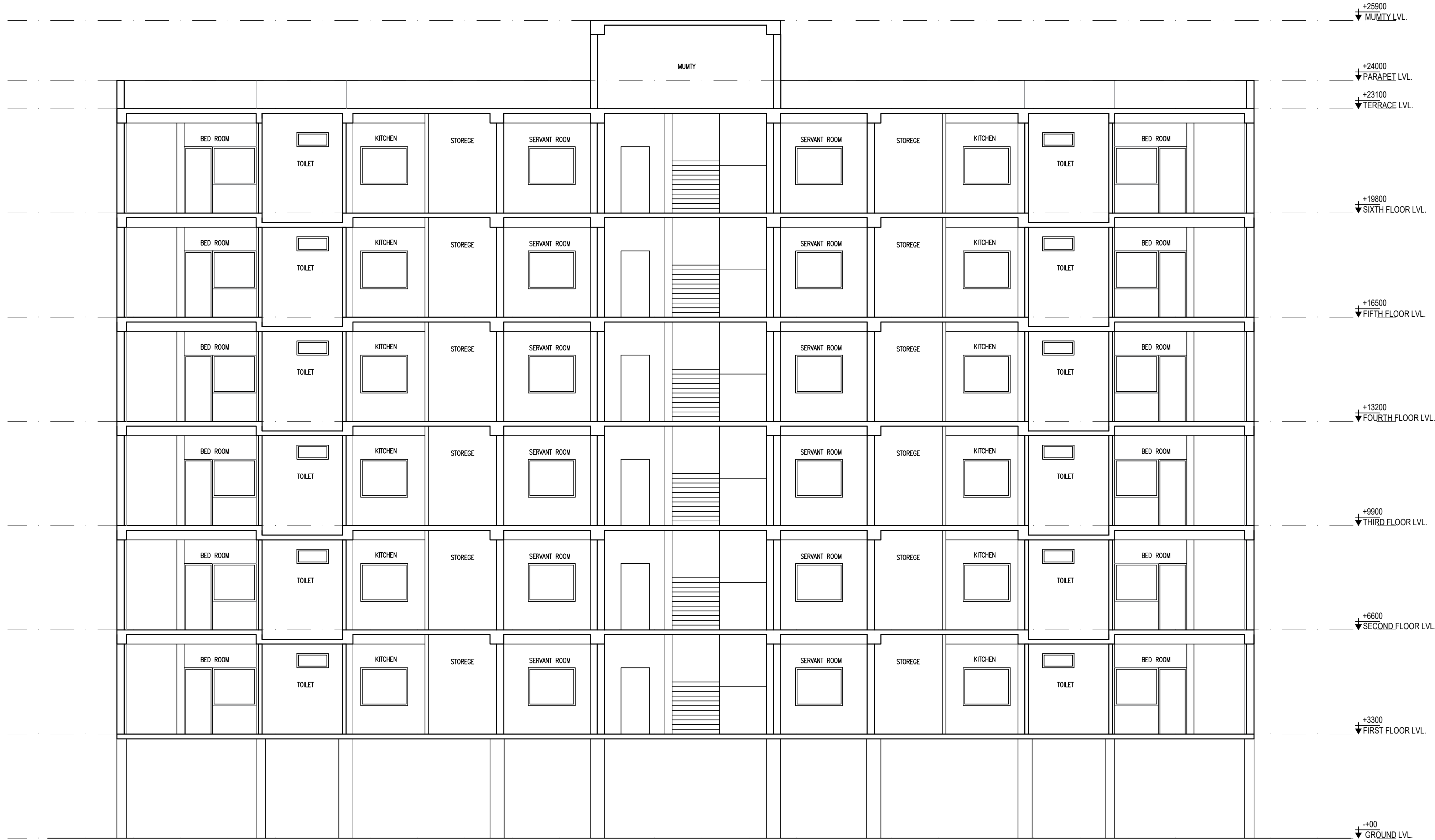
STILT FLOOR PLAN



FIRST-SIXTH FLOOR PLAN

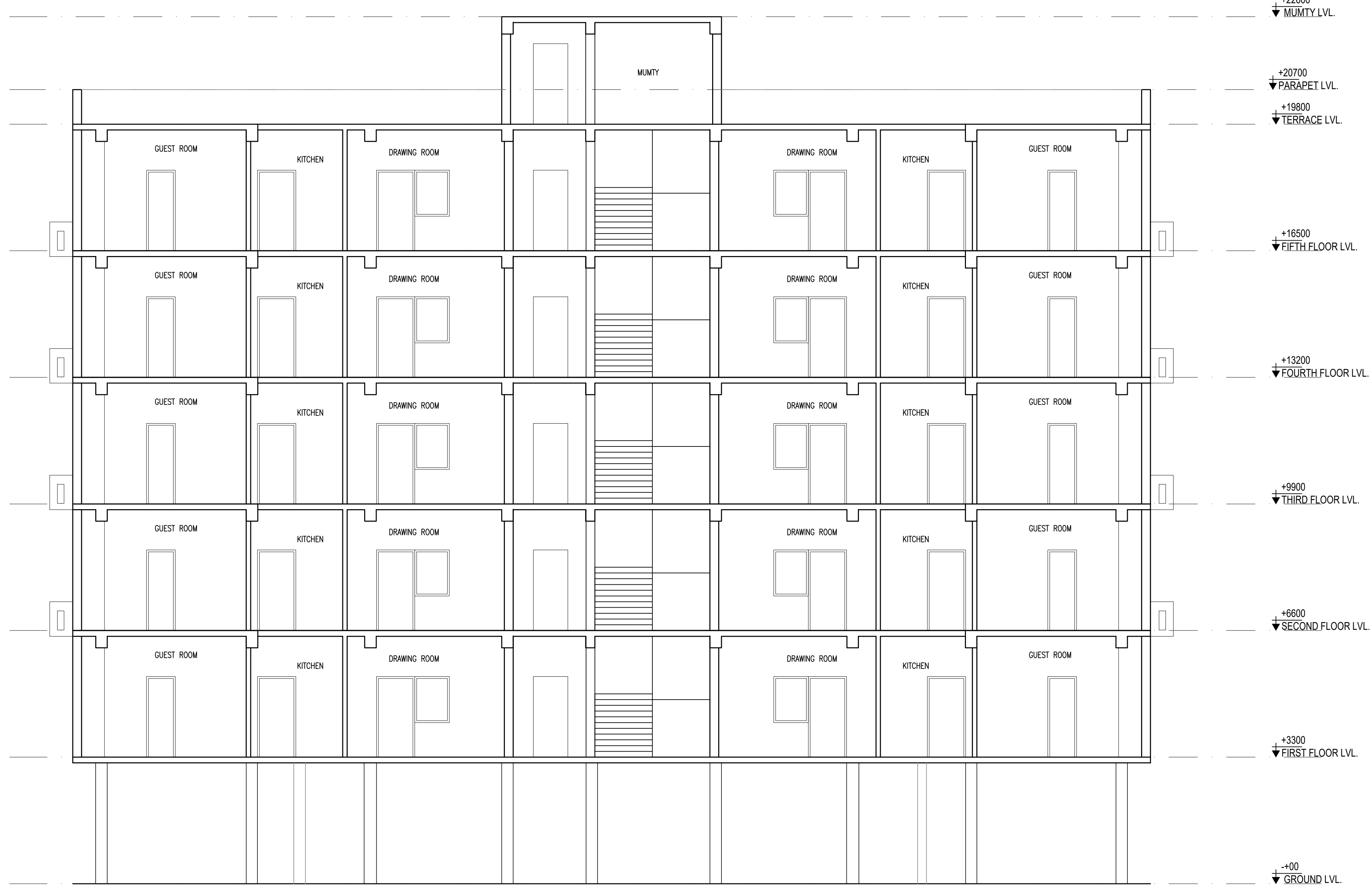
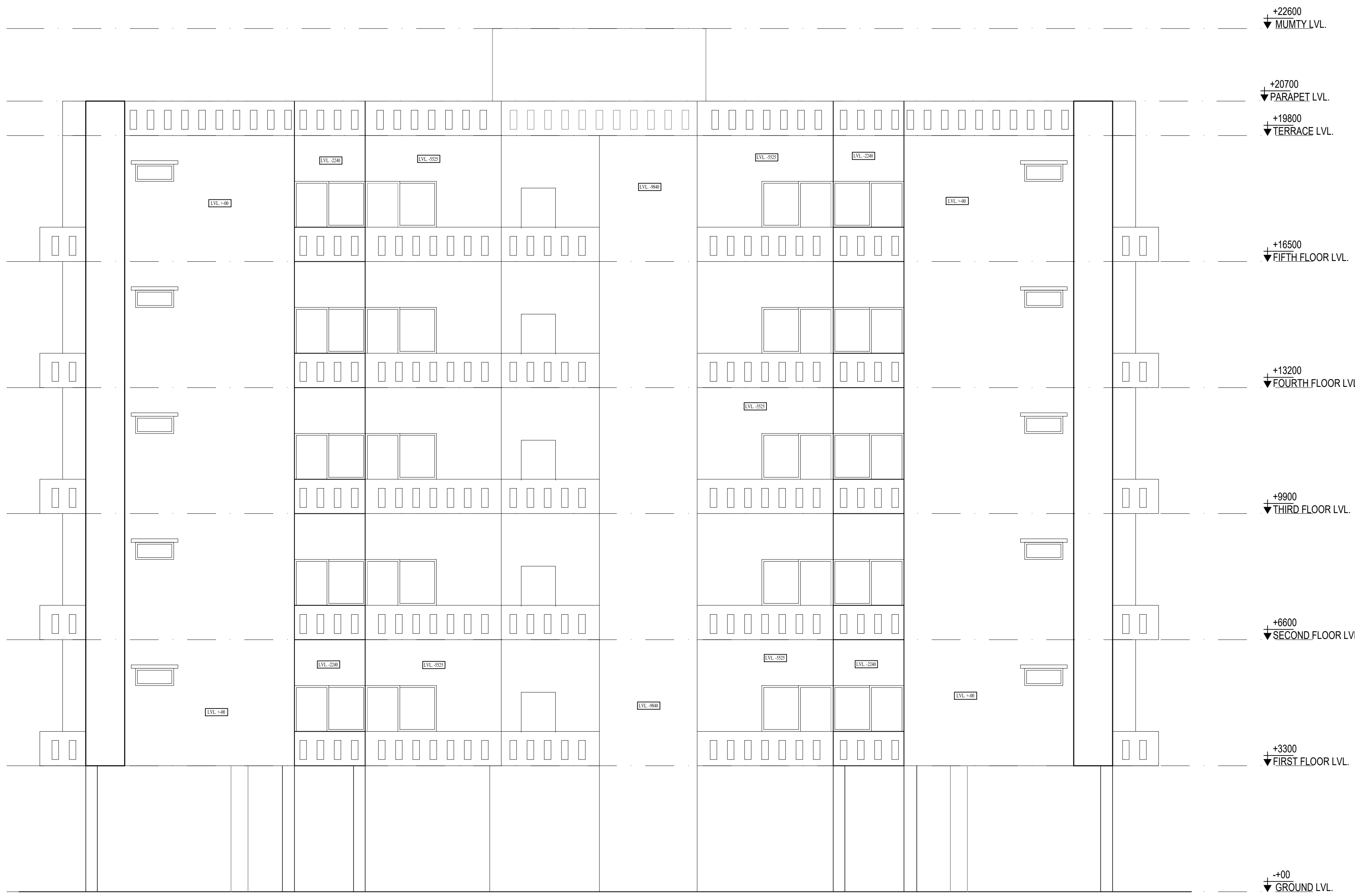
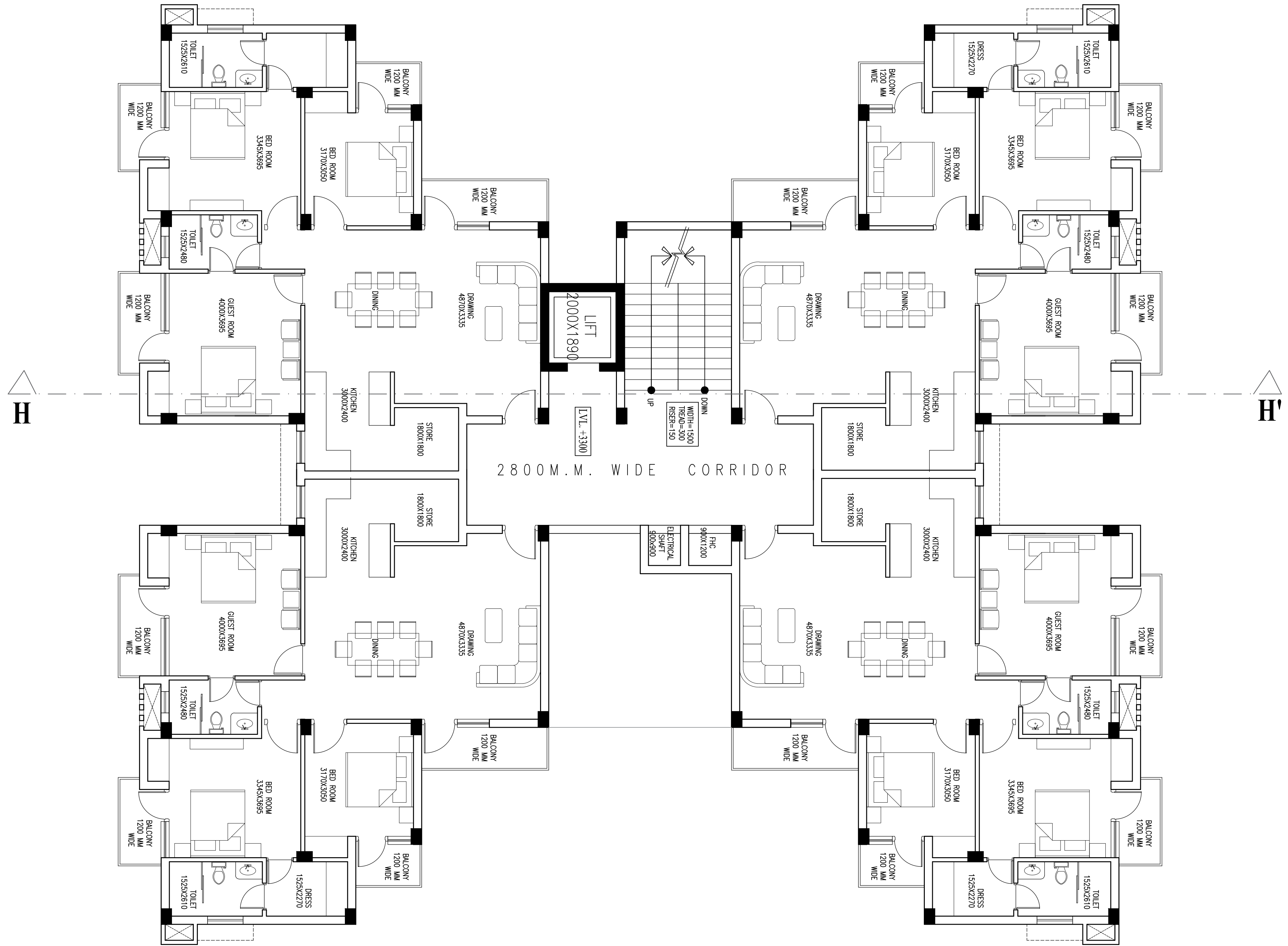
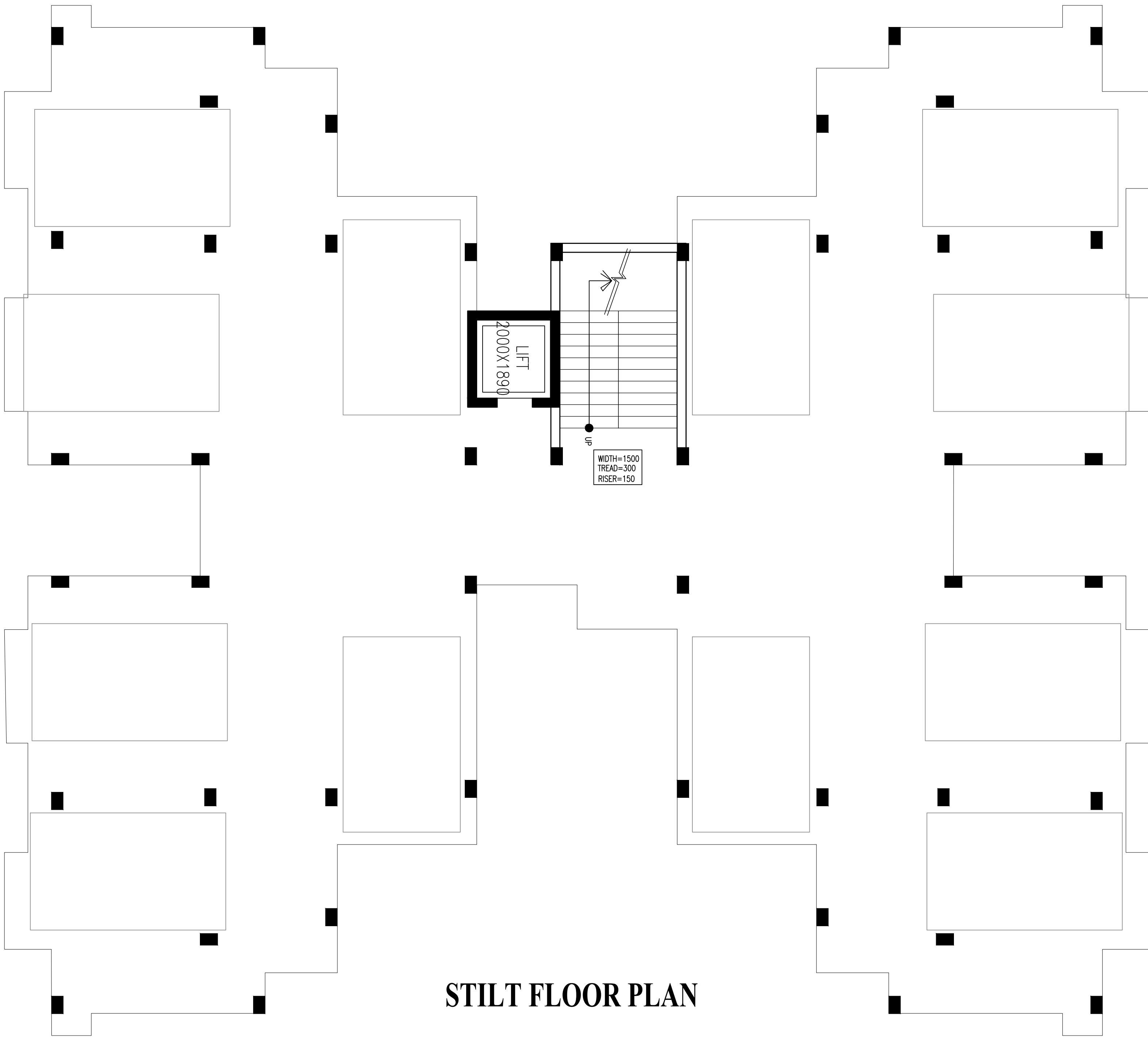


ELEVATION

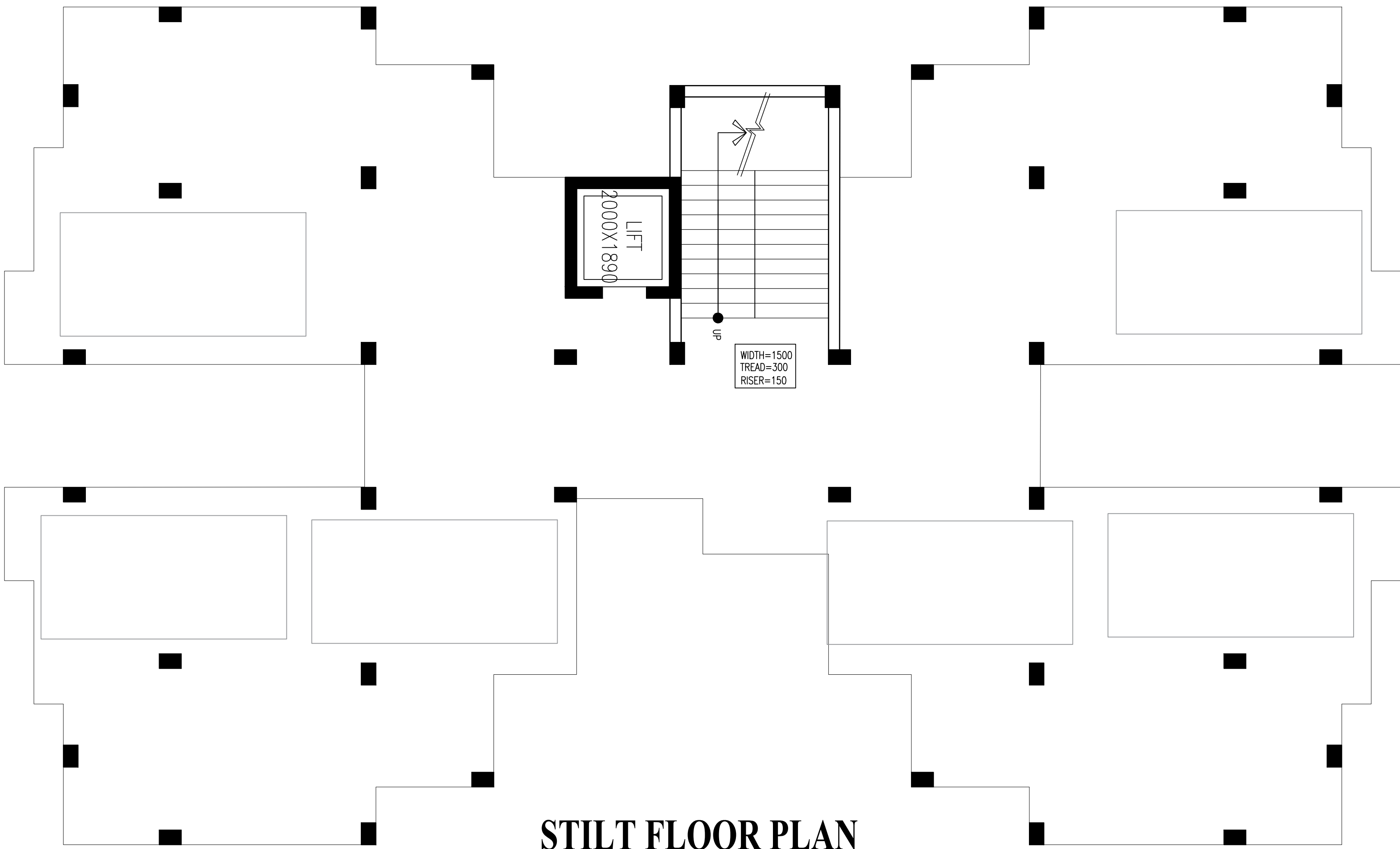


SECTION AT G-G'

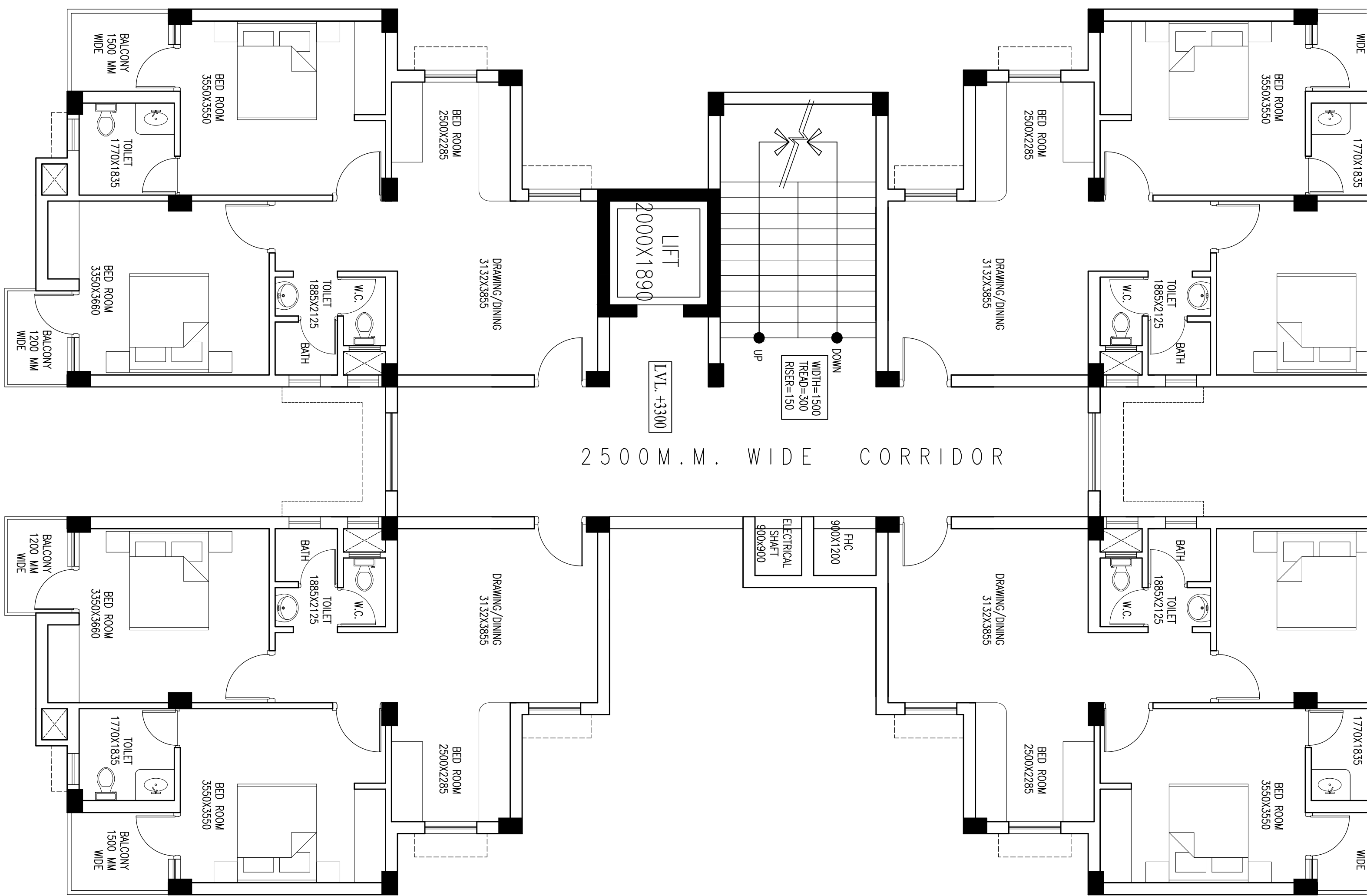
TYPE-4 HOUSING



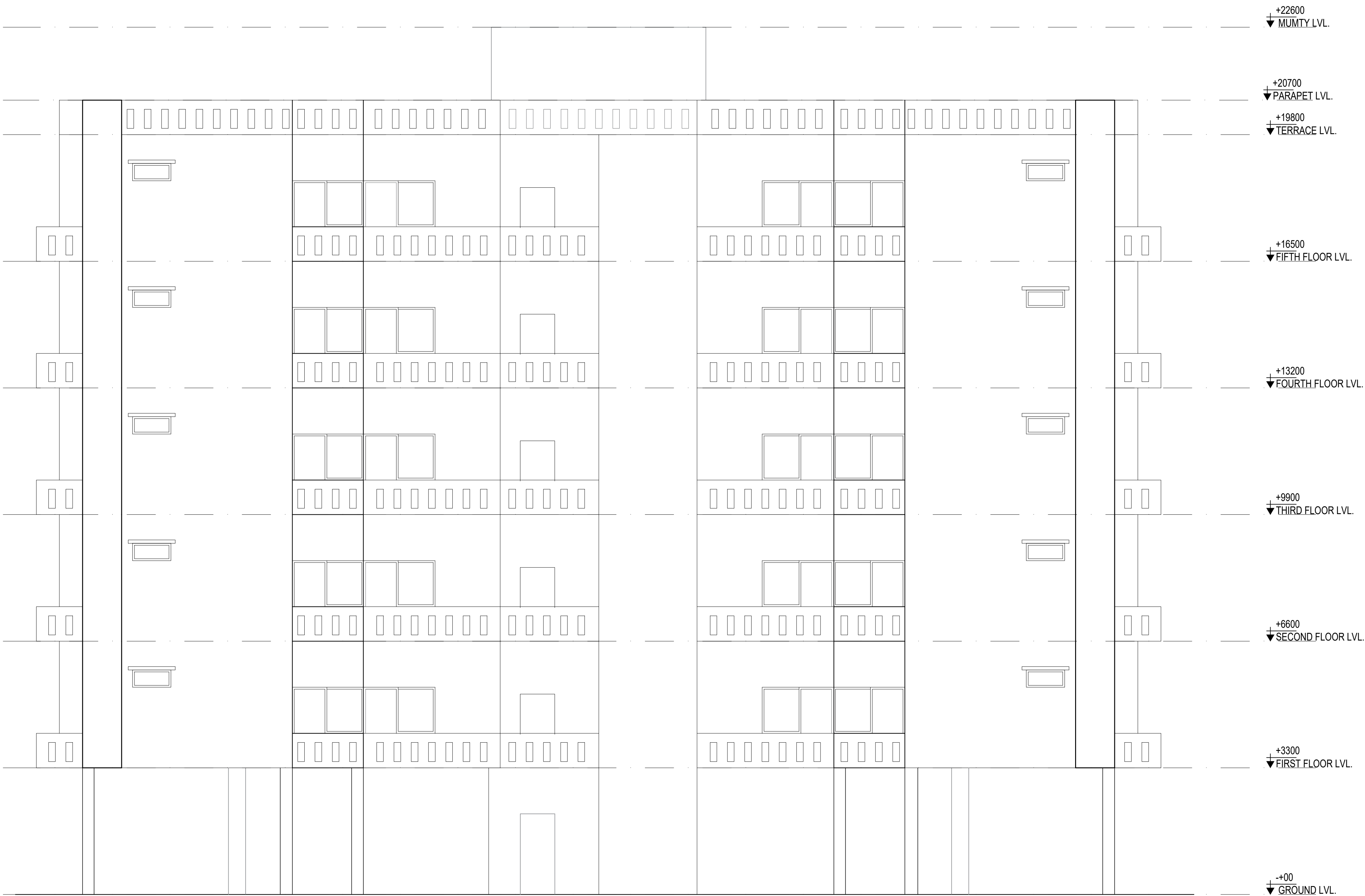
TYPE- 3 HOUSING



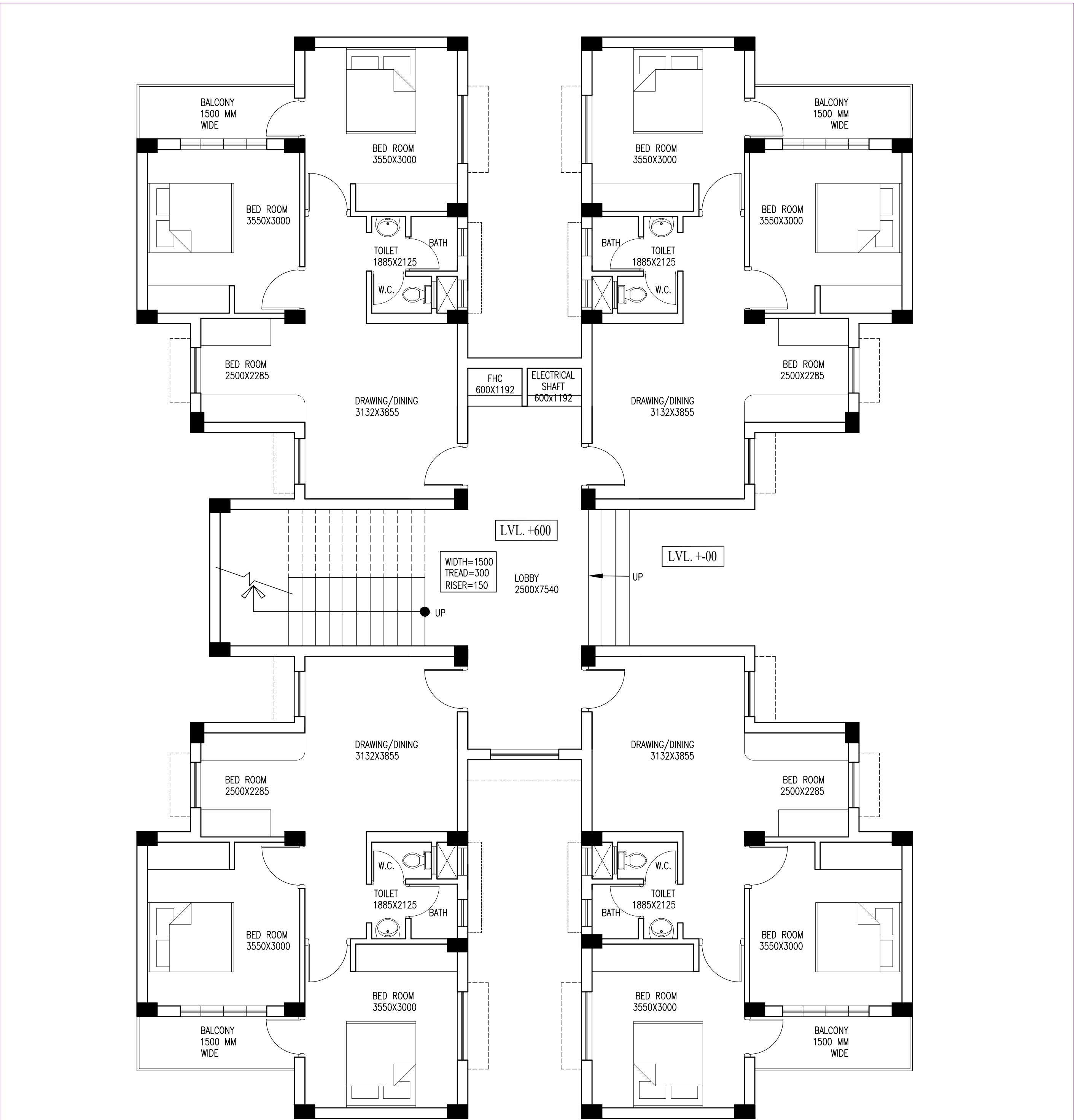
STILT FLOOR PLAN



FIRST- FIFTH FLOOR PLAN



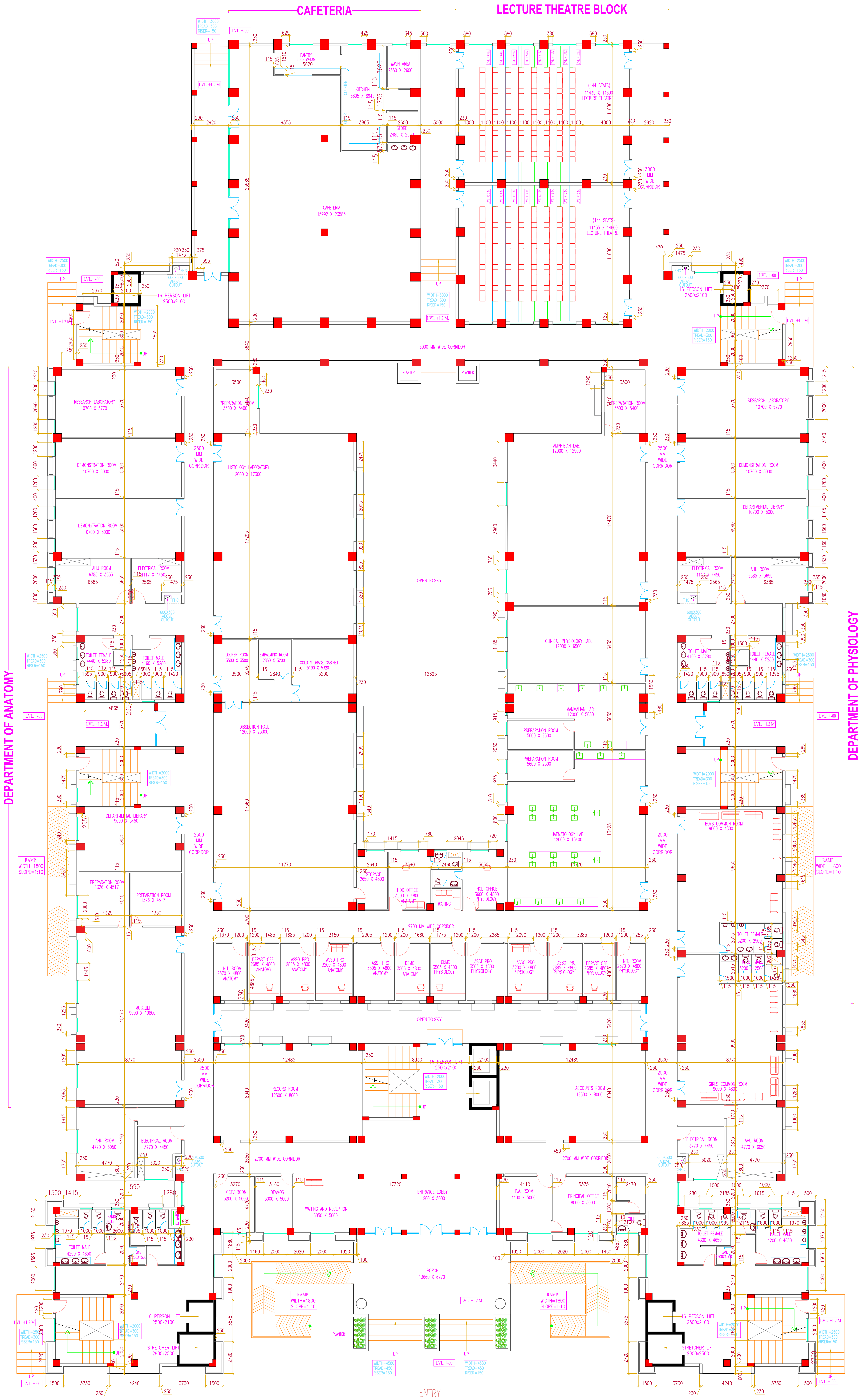
ELEVATION



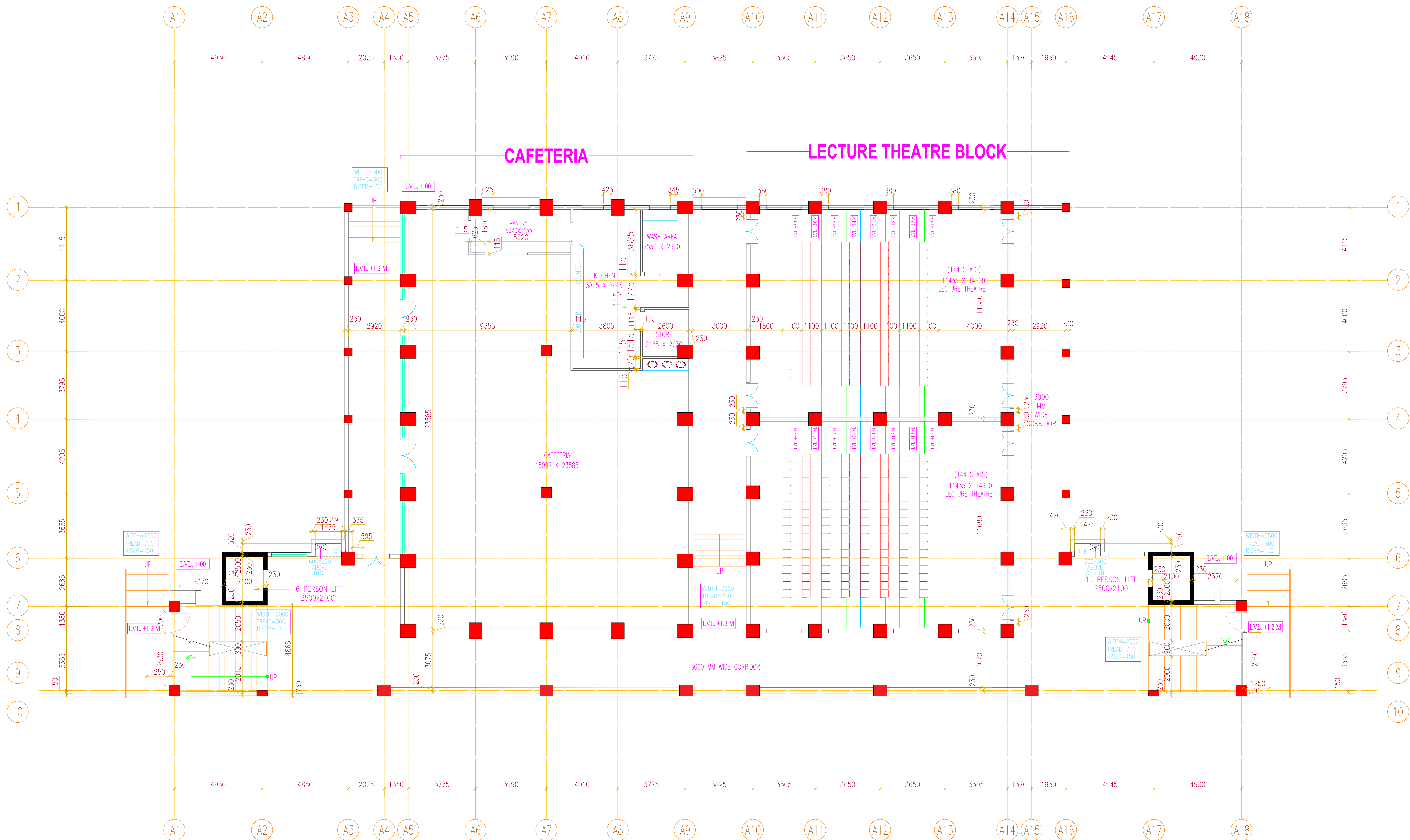
TYPE- 2 HOUSING

WORKING

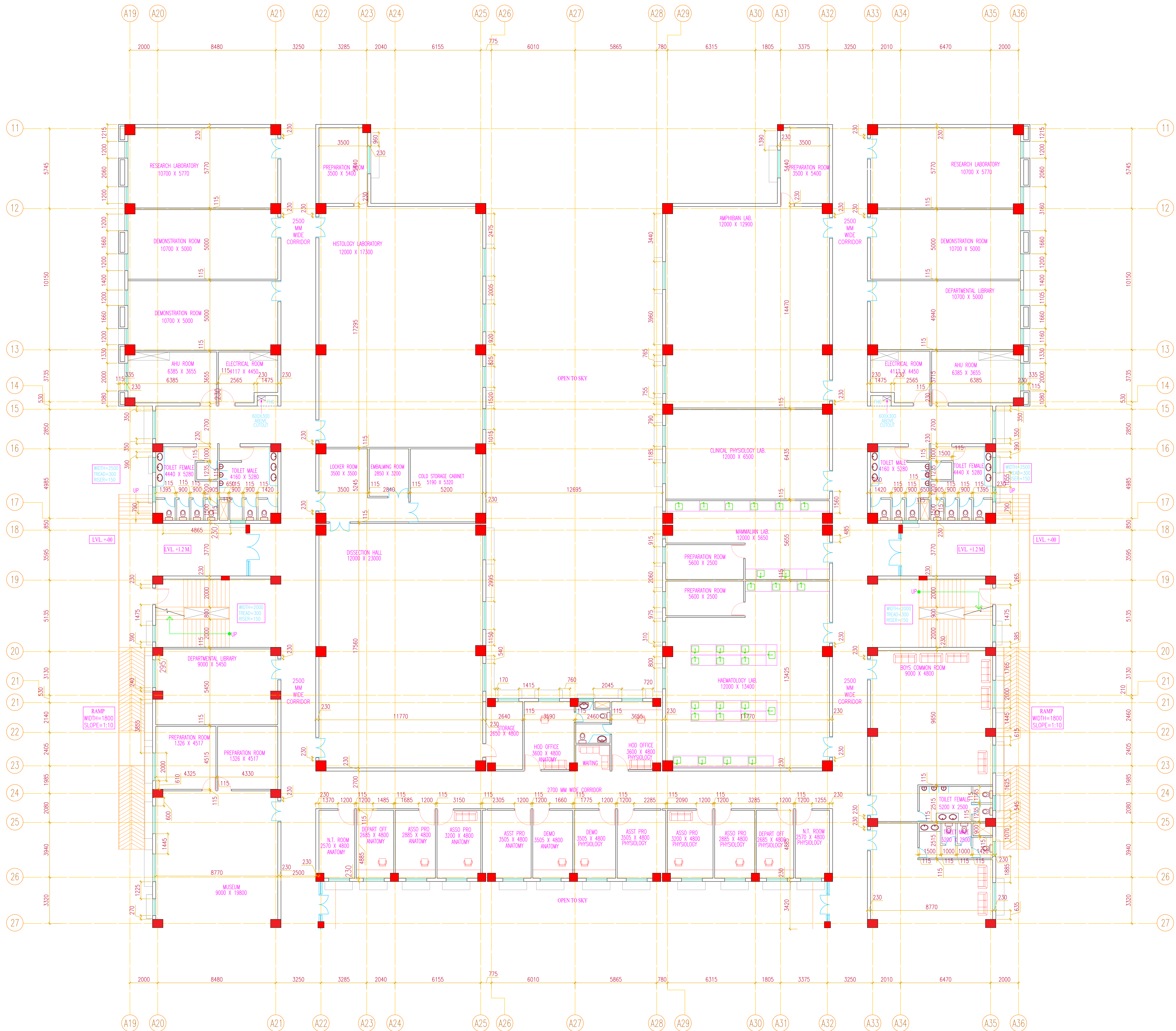
MAIN BUILDING



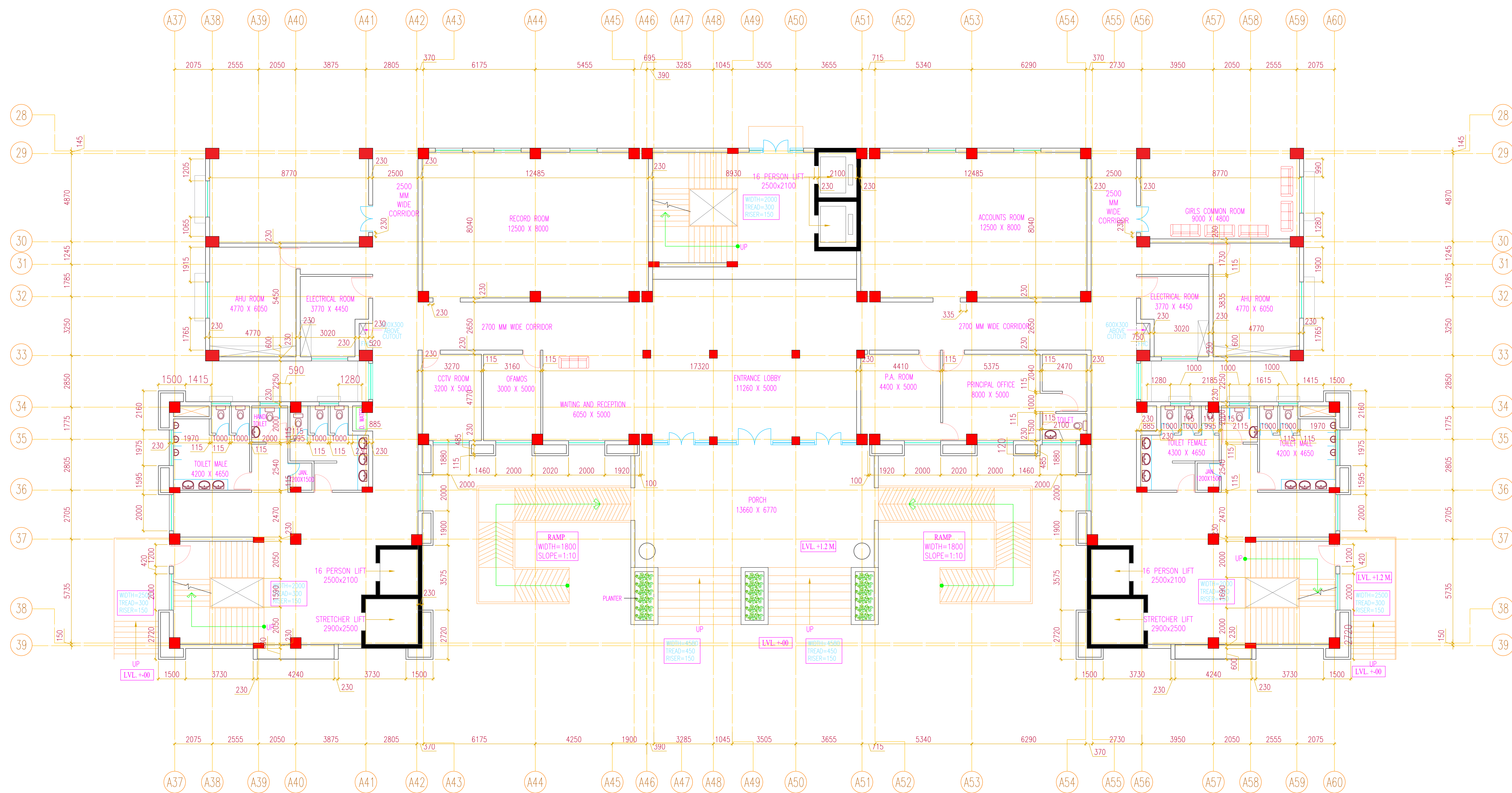
GROUND FLOOR PLAN



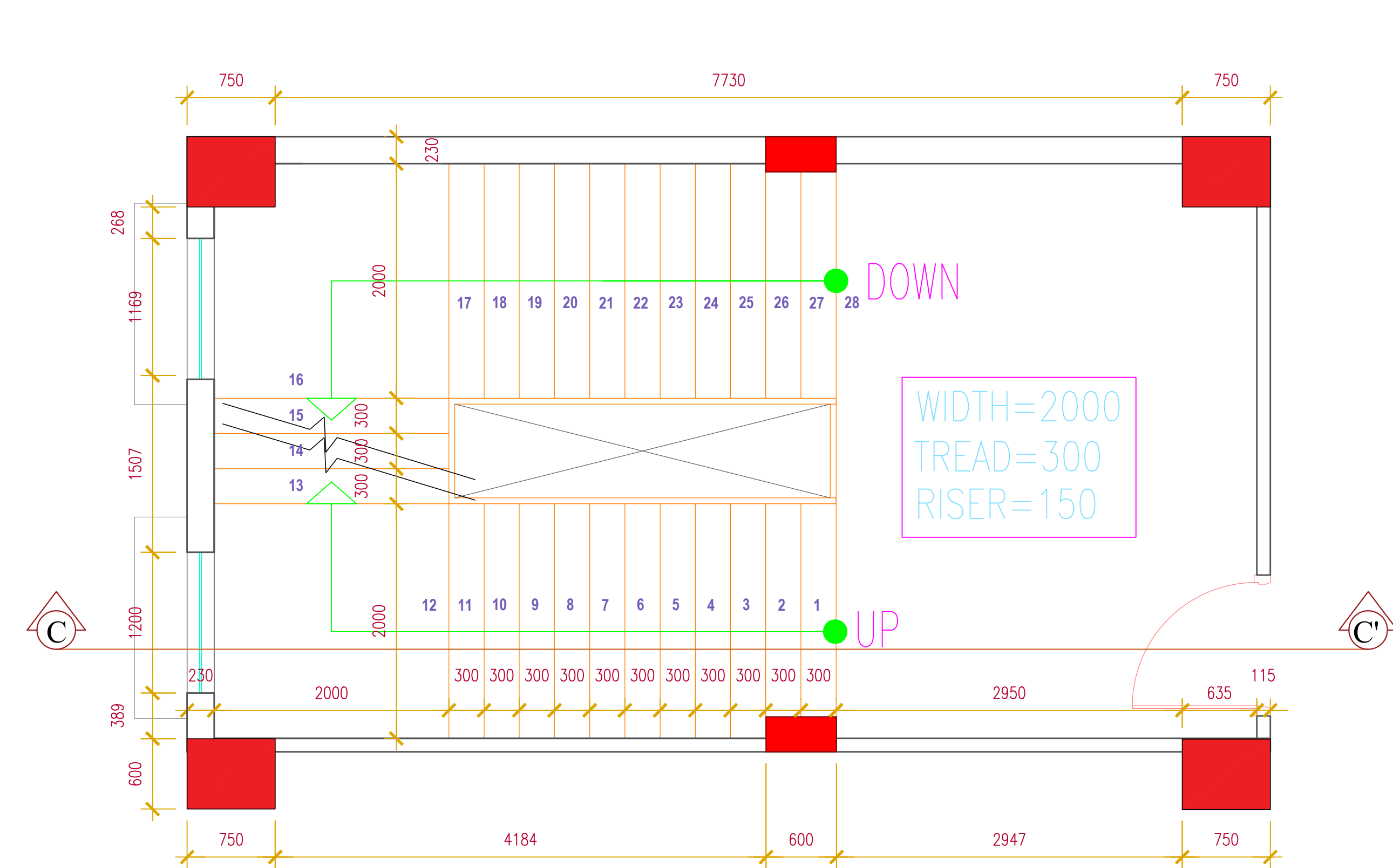
LECTURE THEATRE BLOCK



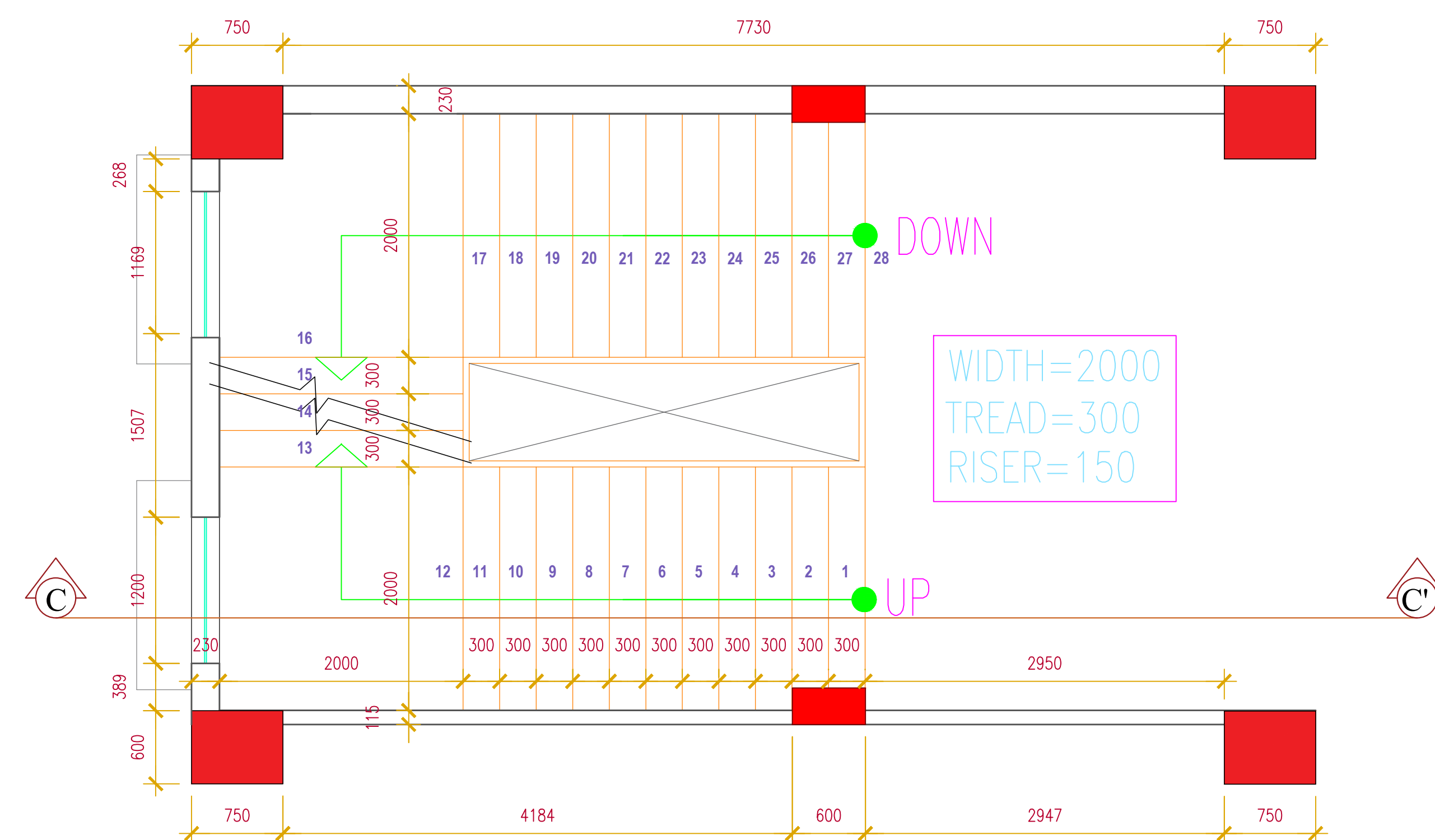
ACADEMIC BLOCK



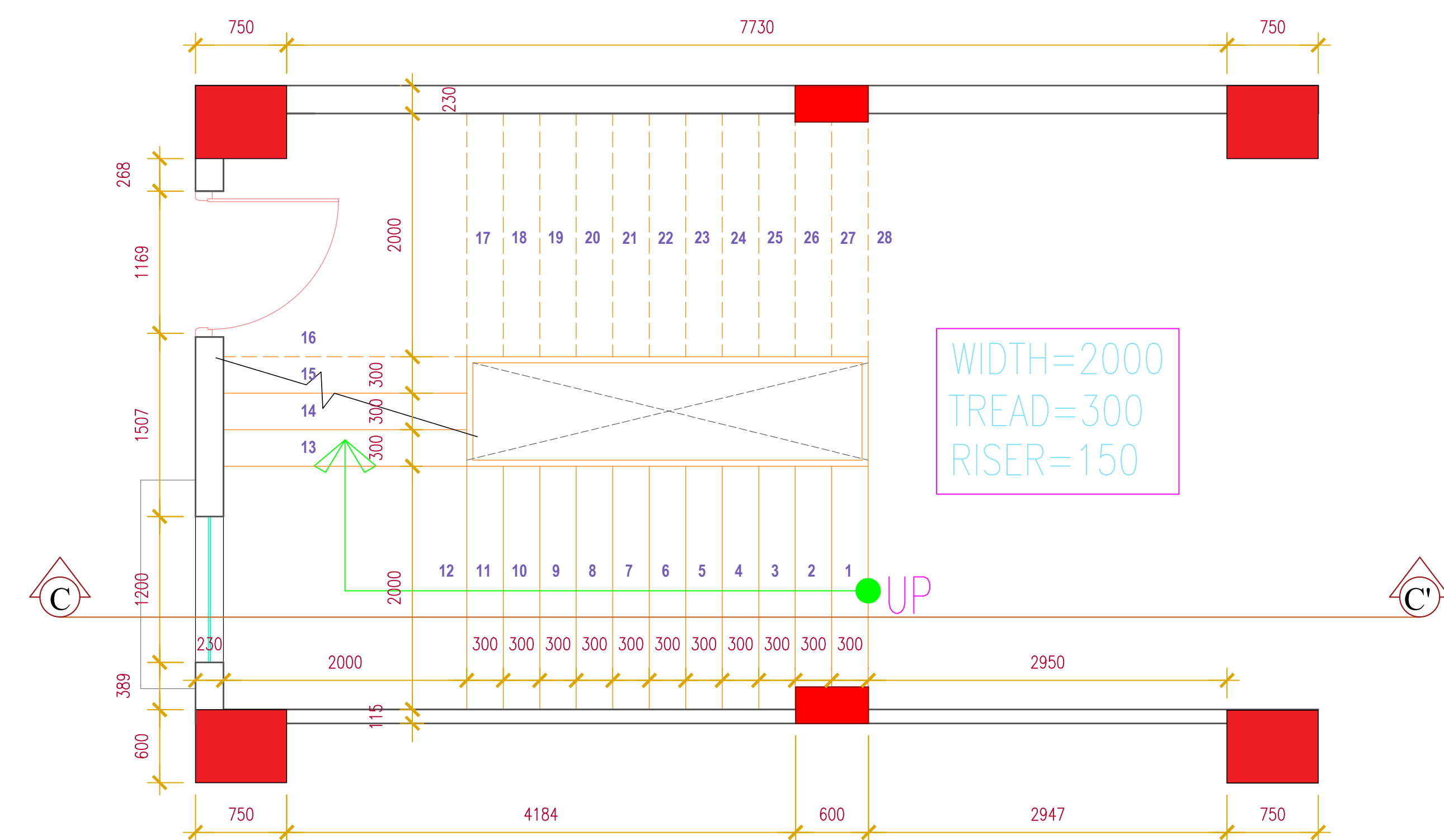
ADMINISTRATIVE BLOCK



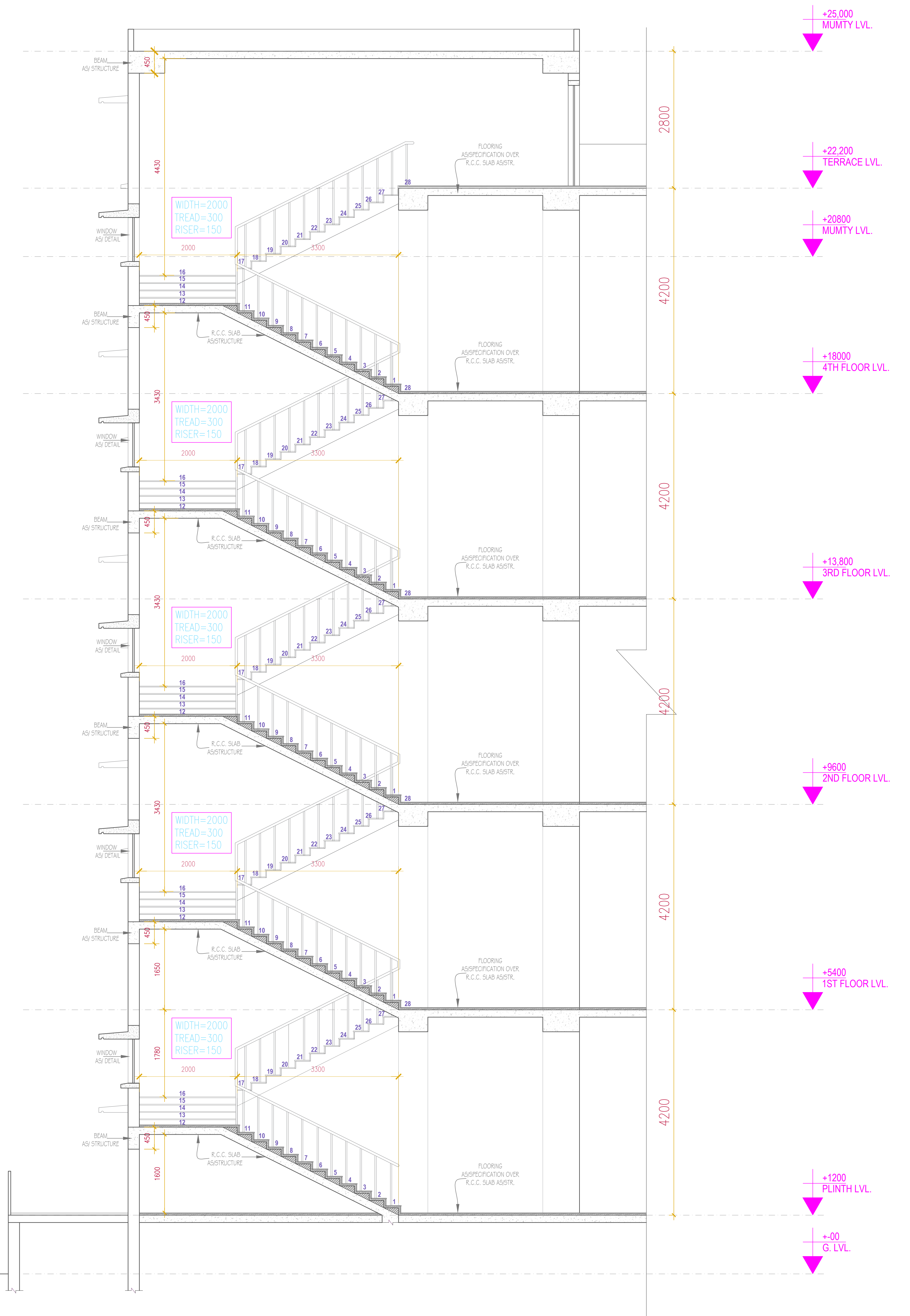
FOURTH FLOOR PLAN
(STAIRCASE DETAIL)



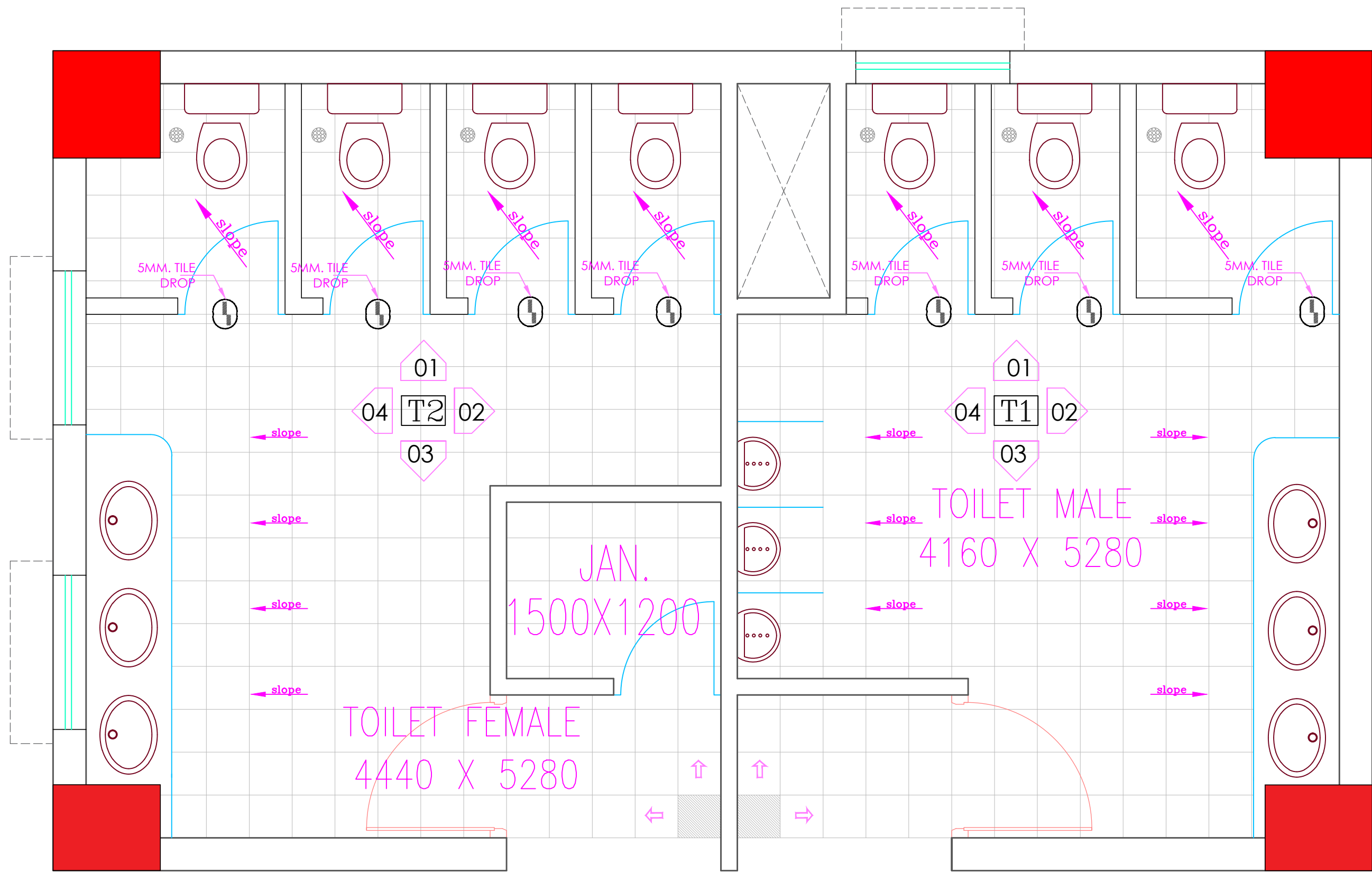
FIRST-THIRD FLOOR PLAN
(STAIRCASE DETAIL)



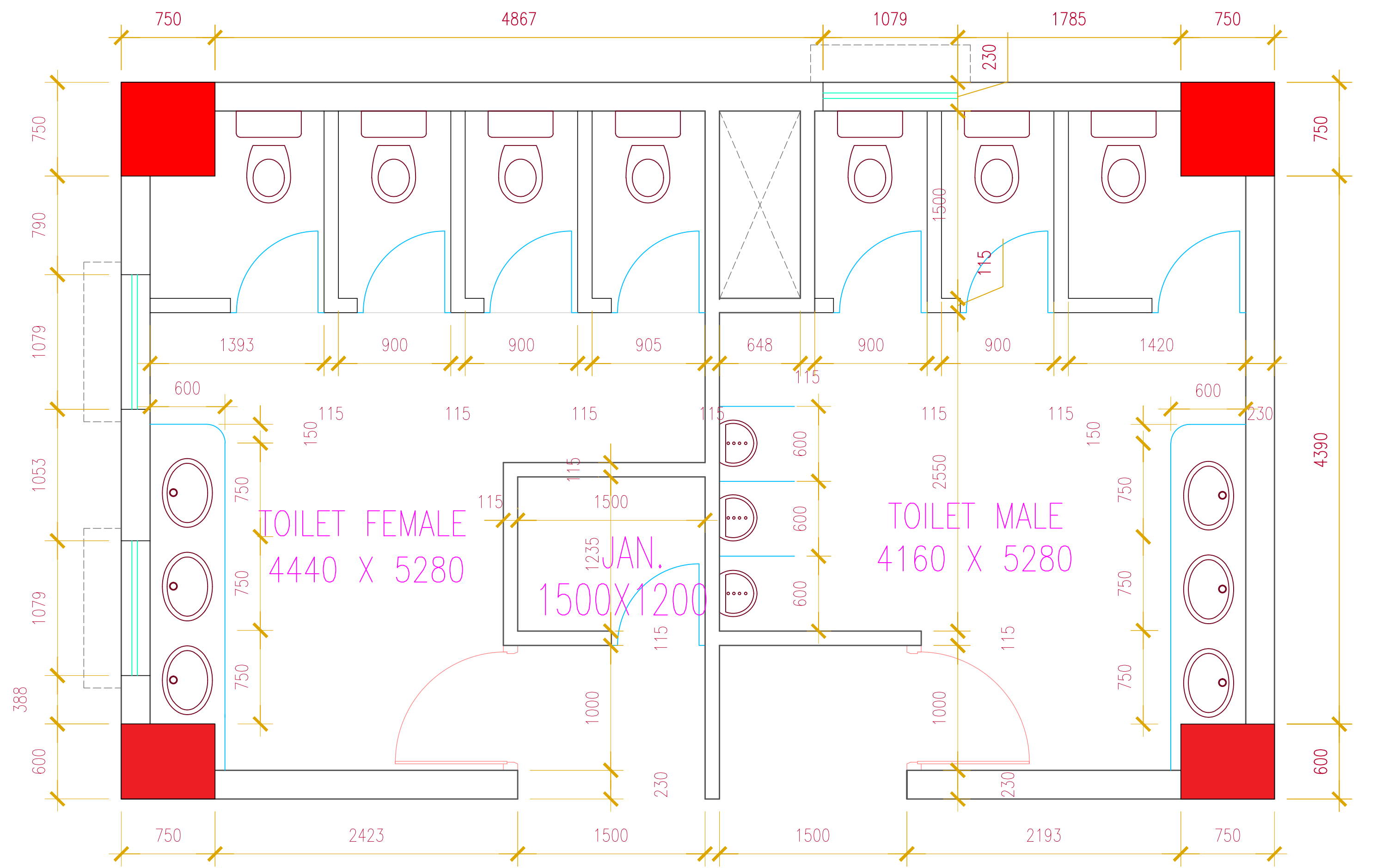
GROUND FLOOR PLAN
(STAIRCASE DETAIL)



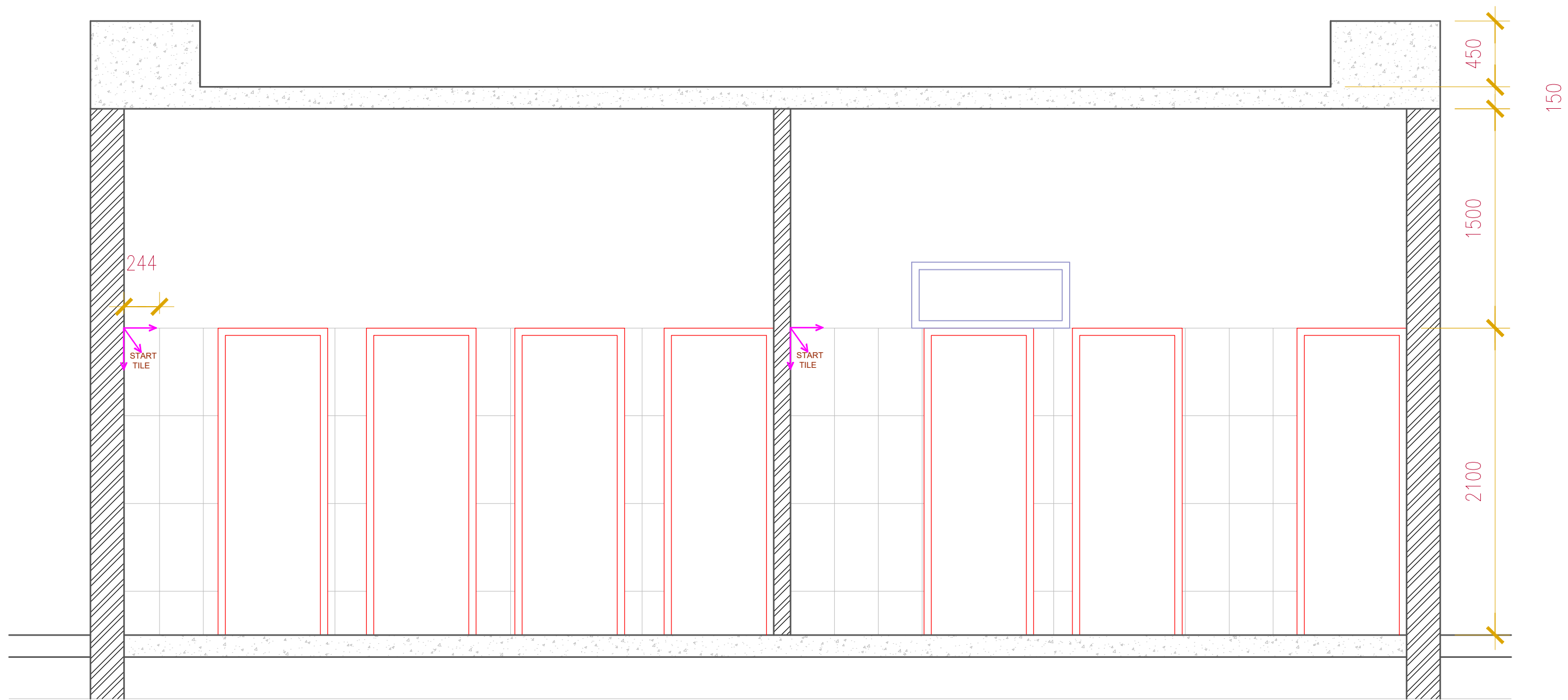
SECTION AT C-C'
(STAIRCASE DETAIL)



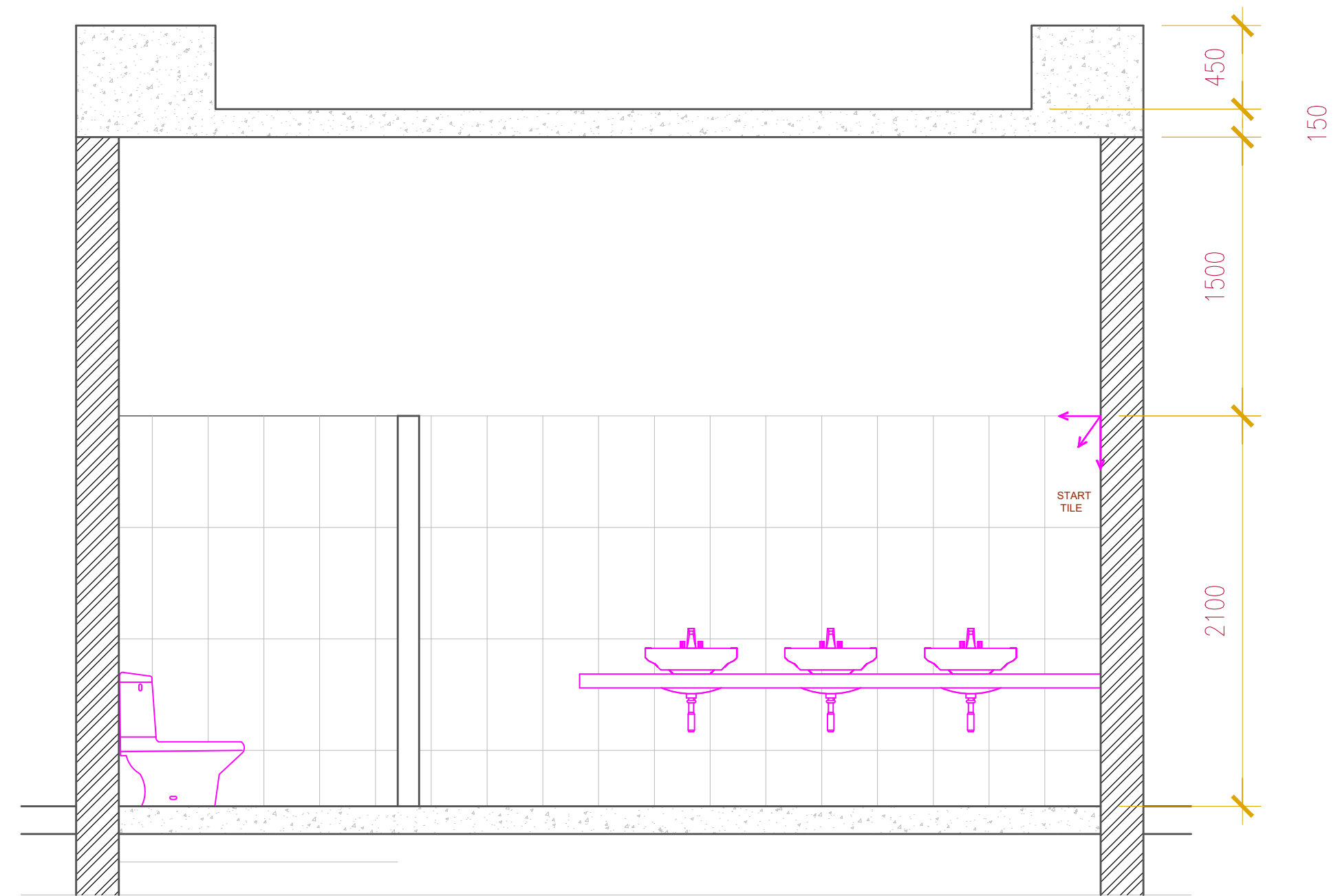
GROUND FLOOR (TOILET DETAIL) FLOORING



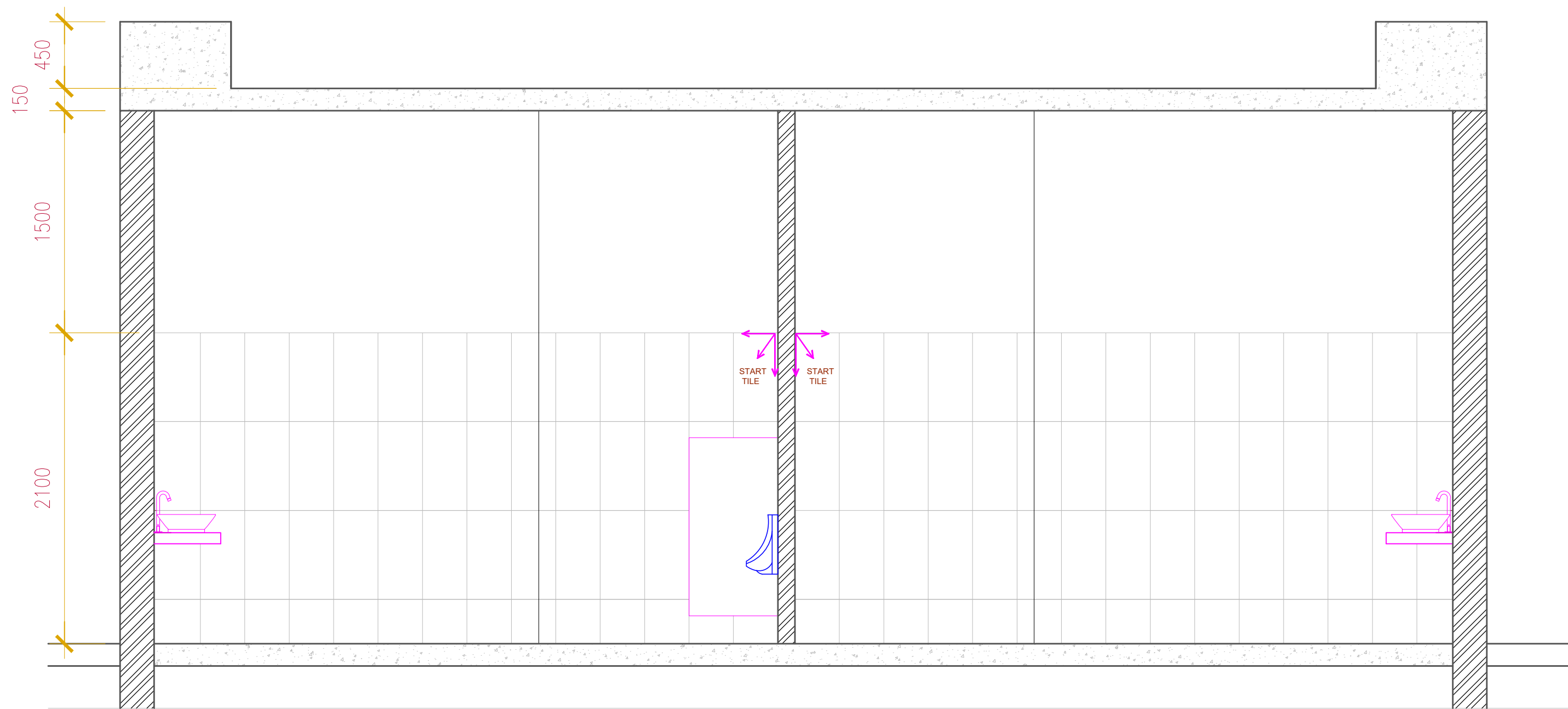
WORKING



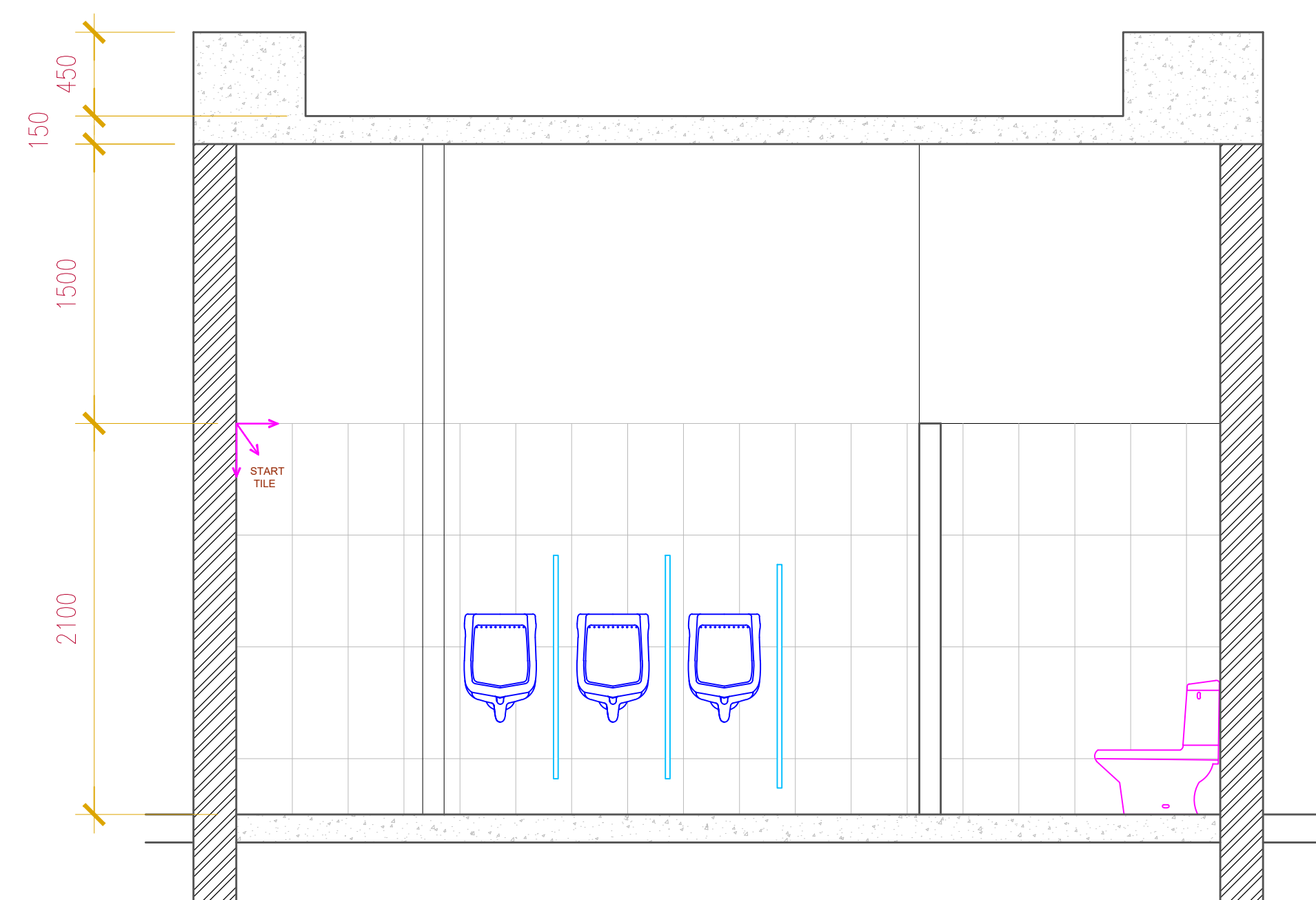
ELEVATION 1 FOR T1 AND T2



ELEVATION 2 FOR T1



ELEVATION 3 FOR T1 AND T2



ELEVATION 4 FOR T1